

# Spare parts catalogue

Type:  
**R145**

Serial no.:  
**278972**

Date:  
**16.07.2019**

Language:  
**English (EN)**

SD-Document:  
**3026687**

Serviceaddress:

Manufacturer:



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## Handling the spare parts catalogue

### Basic information

Spare parts catalogues are produced specifically for certain orders. A separate catalogue is produced for each machine. The correct spare parts can only be ordered when the appropriate catalogue for the machine is consulted.

### General information on spare parts drawings

The position numbers on the drawings refer to the relevant position in the subsequent parts list.

### General information on the parts list

Position numbers in the parts list refer to the relevant position on the preceding drawing. If the parts list is longer than one page in length, then the drawing is repeated on each subsequent page.

Columns on the parts list:

Pos.	Position number of the part
Material	Order number of the assembly/component
Document	When substructure groups are used, a reference to a further drawing is found here
Version	Current document version
Description	Part description
Quantity	Quantity of installed parts
Unit	Unit of quantity (piece or length specification)
Spare part code (ETKZ)	N: no spare part 1: spare part, expected lifespan of 1 year 3: spare part, expected lifespan of 3 years 5: spare part, expected lifespan of 5 years 9: other spare part C: consumable material W: wearing part

**Special features**

Not all assemblies have individual drawings.  
In such cases, text is used instead of a drawing to indicate this.

Certain materials can be used repeatedly in a machine. These can then also appear repeatedly in the spare parts catalogue. They may even be listed directly one after another.

## Table of Contents



packaging machine (RM)	10
basic machine.....	12
air conditioning unit.....	18
rotary lobe pump.....	20
lifting device.....	22
bearing.....	26
mount.....	28
connection block.....	30
connection block.....	32
pressure piece .....	34
guide.....	36
guide.....	38
bearing.....	40
die lock.....	42
die lock.....	44
lifting device.....	46
bearing.....	50
mount.....	52
connection block.....	54
connection block.....	56
pressure piece .....	58
guide.....	60
guide.....	62
bearing.....	64
die lock.....	66
die lock.....	68
mounting set.....	70
end profile.....	72
end profile.....	74
Machine stand.....	76
side section.....	78
drive.....	80

drive.....	82
foot.....	86
foot.....	88
mount.....	90
side section.....	92
return chain sprocket.....	94
chain wheel.....	96
return chain sprocket.....	98
chain wheel.....	100
return chain sprocket.....	102
chain deflection roller.....	104
foot.....	106
foot.....	108
foot.....	110
mount.....	112
section.....	114
side panel.....	116
side panel.....	118
side panel.....	120
side panel.....	122
side panel.....	124
side panel.....	126
side panel.....	128
side panel.....	130
safety cover.....	132
foot.....	134
foot.....	136
foot.....	138
foot.....	140
mount.....	142
cover.....	144
film discharger.....	146

## Table of Contents



carrier.....	148
deflection roller.....	150
swing arm.....	152
film guide.....	154
set collar.....	156
set collar.....	158
holding mandrel.....	160
gripping jaw.....	162
drive.....	164
carrier.....	166
spring suspension.....	168
disc brake.....	170
proximity switch.....	172
proximity switch.....	174
stop limit.....	176
electrical system.....	178
deflection roller.....	180
splice detector.....	182
reflecting light button.....	184
Wing screw.....	186
film discharger.....	188
carrier.....	190
deflection roller.....	192
deflection roller.....	194
swing arm.....	196
film guide.....	198
set collar.....	200
set collar.....	202
holding mandrel.....	204
gripping jaw.....	206
disc brake.....	208
cylinder lid.....	210

spring suspension.....	212
valve.....	214
carrier.....	216
proximity switch.....	218
transport chain.....	220
splice detector.....	222
safety circuit.....	224
safety circuit.....	226
part guarding.....	228
part guarding.....	230
part guarding.....	232
magnet holder.....	234
part guarding.....	236
part guarding.....	238
part guarding.....	240
part guarding.....	242
magnet holder.....	244
clamping.....	246
clamping.....	248
clamping.....	250
die adjustment.....	252
die adjustment.....	254
bearing.....	258
die adjustment.....	260
die adjustment.....	262
bearing.....	266
grease lubrication.....	268
installation set.....	270
suspension.....	272
suspension.....	274
suspension.....	276
mount.....	278

## Table of Contents



squeezing knife unit.....	280
cross cutting.....	282
lifting mechanism.....	284
Counter-holder.....	286
guide.....	288
pressure ridge.....	290
Cross cutter top section.....	292
length adjustment.....	294
gear unit.....	298
guard plate.....	300
guard plate.....	302
edge trim winder.....	304
deflection.....	306
proximity switch.....	308
stop limit.....	310
deflection.....	312
proximity switch.....	314
stop limit.....	316
edge trim winder.....	318
edge trim winder.....	320
coil body.....	322
edge trim winder.....	324
edge trim winder.....	326
coil body.....	328
operating unit.....	330
Film trim distributor.....	332
monitoring.....	334
monitoring.....	336
monitoring.....	338
module.....	340
foot.....	342
foot.....	344

foot.....	346
mount.....	348
chain deflection roller.....	350
return chain sprocket.....	352
chain deflection roller.....	354
return chain sprocket.....	356
chain deflection roller.....	358
fastening.....	360
section.....	362
side panel.....	364
side panel.....	366
side panel.....	368
side panel.....	370
side panel.....	372
cover sheet.....	374
electrical system.....	376
connection cable.....	384
plug part set.....	386
rechargeable battery.....	388
holding device.....	390
set of bushings.....	392
plug part set.....	394
switch cabinet.....	396
switchboard.....	398
memory module (asm).....	418
switch cabinet.....	420
switch cabinet.....	422
door.....	424
Condensate outlet.....	426
mark of conformity.....	428
operating terminal.....	430
cross pipe.....	432

## Table of Contents



pneumatics.....	434
basic machine.....	436
vacuum measuring system.....	438
water return line.....	440
Activated carbon filter.....	442
mount.....	444
water circuit.....	446
main air pressure valve.....	448
water valve.....	450
flow meter.....	452
intermediary.....	454
maintenance unit.....	456
pneumatic control.....	460
pneumatic control.....	462
solenoid valve.....	464
pneumatic control.....	466
solenoid valve.....	468
pressure regulator.....	470
water return line.....	472
hose set.....	474
forming.....	476
quick-exhaust.....	478
rapid vent valve.....	480
vacuum measuring system.....	482
quick-exhaust.....	484
rapid vent valve.....	486
discharged air.....	488
discharged air.....	490
discharged air.....	492
main control aggregate.....	494
forming system.....	496
deep drawing valve.....	498

valve.....	500
valve.....	502
valve.....	504
solenoid valve.....	506
pressure regulator.....	508
pressure regulator.....	510
flange.....	512
hose connection pieces.....	514
discharged air.....	516
sealing.....	518
vacuum measuring system.....	520
vacuum measuring system.....	522
pressure regulator.....	524
sealing valve.....	526
3/2 valve.....	528
Air exhaust chamber.....	530
pneumatic control.....	532
pressure regulator.....	534
mount.....	536
main control aggregate.....	538
to print.....	540
pneumatic control.....	542
pneumatic control.....	544
pneumatic control.....	546
pneumatic control.....	548
cutting.....	550
vacuum meas. sys. for pneu.....	552
pneumatic control.....	554
solenoid valve.....	556
throttle/check valve.....	558
pressure regulator.....	560
pressure regulator.....	562

## Table of Contents



main control aggregate.....	564
pack.....	566
discharged air damper.....	568
sound absorber.....	570
signal light.....	572
connecting piece.....	574
emergency stop button.....	576
emergency stop button.....	578
monitoring device.....	580
discharge conveyor.....	582
transfer conveyor.....	588
connection cable.....	592
adjustment unit.....	594
worm gear motor.....	596
mount.....	598
Special die set.....	600
guard.....	604
Spares package.....	606
back panel.....	608
KPL machine format parts.....	610
format set.....	612
forming die top section.....	614
forming die bottom section.....	618
cable block.....	620
cable block.....	622
heating plate.....	624
sealing die top section.....	626
sealing plate.....	628
cable block.....	630
cable block.....	632
sealing die bottom section.....	634
forming plate.....	636
sealing grid.....	638
sealing plate.....	640
cutting parts.....	642
cutting parts.....	644
squeezing knife holder.....	646
cylinder.....	648
guide.....	650
spacer.....	652
distributor strip.....	654
ramp plate.....	656
supporting system.....	658
supporting system.....	660
part guarding.....	662
supporting system.....	664
part guarding.....	666
support bar.....	668
cross-arm.....	670
bar.....	672
bar.....	674
cladding.....	676
cladding.....	678
cladding.....	680
cladding.....	682
cladding.....	684
cladding.....	686
pneumatics.....	688
screw fitting.....	690
hose connection pieces.....	702
threaded coupling.....	706
hose band clip.....	714
quick-close coupling.....	718
hose set.....	722



packaging machine (RM)

108355324

packaging machine (RM)



keine Zeichnung vorhanden  
no drawing available

**packaging machine (RM)**

108355324

**packaging machine (RM)**

pos	material	document	version	description	quantity	quantity unit	SPC
10	108372962			basic machine	1,000	PC	N
130	106247785			Special die set	1,000	PC	9
150	108110582	16000596318	0	guard	1,000	PC	N
160	107560726	16000473874	A	back panel	1,000	PC	9
890	108372158			KPL machine format parts	1,000	PC	N
1020	108103351	16000593922	0	cutting parts	1,000	PC	N
1070	108088437	16000590265	0	ramp plate	1,000	PC	N
1080	108108697	16000596175	A	supporting system	1,000	PC	N
1230	107213202			machine discharge guard	1,000	PC	N
1240	108372322	16000646464	0	cladding	1,000	PC	N
1241	108432223	16000659279	C	cladding	2,000	PC	9
5009	105575408			pneumatics	1,000	PC	9

basic machine

108372962

packaging machine (RM)\basic machine



keine Zeichnung vorhanden  
no drawing available

## basic machine

108372962

packaging machine (RM)\basic machine



pos	material	document	version	description	quantity	quantity unit	SPC
10	106942074			air conditioning unit	1,000	PC	5
20	107686683			rotary lobe pump	1,000	PC	5
30	108090510	16000590854	E	lifting device	1,000	PC	N
40	106556161	16000226262	E	lifting device	1,000	PC	N
50	106041308			stud	14,000	PC	9
60	105558257	16000035725	C	end profile	1,000	PC	9
70	105558245	16000035804	C	end profile	1,000	PC	9
80	108372946	16000646476	B	Machine stand	1,000	PC	N
90	106396705	16000182275	B	side panel	1,000	PC	N
100	106715310	16000260573	0	foot	2,000	PC	9
110	107916175			transport rail	2,000	PC	N
120	105709549			grid duct	1,000	PC	N
130	105709673			grid duct	1,000	PC	9
140	105640075			cross-arm	2,000	PC	N
150	105778984			magnetic reed switch	8,000	PC	5
160	105617860	16000040045	E	cover	1,000	PC	N
170	105507105			spacer bolts	1,000	PC	9
180	108089393	16000590540	C	film discharger	1,000	PC	9
190	105599805	16000129777	G	deflection roller	1,000	PC	9
200	105950779	16000131856	B	splice detector	1,000	PC	9
210	108090467	16000590838	B	film discharger	1,000	PC	9
220	106218625	16000164969	A	proximity switch	1,000	PC	9
230	105683000	16000264398	C	transport chain	1,000	PC	5
240	107183475	16000384526	A	splice detector	1,000	PC	N
250	106871910	16000543997	G	safety circuit	1,000	PC	9
260	106996207	16000325185	0	safety circuit	1,000	PC	9
270	106396332	16000182203	A	part guarding	1,000	PC	N
280	106776167	16000278764	A	part guarding	1,000	PC	N
290	108091980	16000591240	0	clamping	1,000	PC	9
300	108090711	16000590904	0	clamping	1,000	PC	9

basic machine

108372962

packaging machine (RM)\basic machine



keine Zeichnung vorhanden  
no drawing available

**basic machine**

108372962

packaging machine (RM)\basic machine



pos	material	document	version	description	quantity	quantity unit	SPC
301	108090724	16000590913	0	clamping	2,000	PC	9
310	106680632	16000252110	0	die adjustment	1,000	PC	N
320	108090720	16000590983	0	die adjustment	1,000	PC	9
330	105647569	16000043349	B	grease lubrication	2,000	PC	9
340	106503795	16000213915	C	installation set	1,000	PC	9
350	105505000	16000043901	A	suspension	2,000	PC	9
370	106039738			suspension	1,000	PC	9
380	105504886			suspension	1,000	PC	9
390	105814408			mount	2,000	PC	N
400	105814413			mount	8,000	PC	N
410	105790259	16000058994	A	mount	3,000	PC	9
420	105992908			holding device	10,000	PC	9
430	105553750			Support piece	3,000	PC	9
440	107997968	16000571228	A	squeezing knife unit	1,000	PC	N
450	108090958	16000590997	0	cross cutting	1,000	PC	9
460	107747720	16000517248	0	length adjustment	1,000	PC	N
461	107690871	16000503748	0	guard plate	1,000	PC	9
462	107690965	16000504238	0	guard plate	1,000	PC	9
470	105588084			toothed rack	1,000	PC	9
480	107636742	16000490776	C	edge trim winder	1,000	PC	N
490	106251476	16000172492	D	Film trim distributor	1,000	PC	N
491	107621085	16000487281	A	monitoring	1,000	PC	9
500	106757787	16000270458	B	module	1,000	PC	N
510	108089365			side frame	1,000	PC	9
520	108041490			side frame	1,000	PC	9
530	106757302	16000270963	A	section	1,000	PC	N
540	108057509	16000583117	0	side panel	1,000	PC	N
550	105760504	16000131009	A	cover sheet	1,000	PC	9
560	108372959			electrical system	1,000	PC	N
570	108372957			switch cabinet	1,000	PC	N

basic machine

108372962

packaging machine (RM)\basic machine



keine Zeichnung vorhanden  
no drawing available

**basic machine**

108372962

packaging machine (RM)\basic machine



pos	material	document	version	description	quantity	quantity unit	SPC
580	108372960			pneumatics	1,000	PC	N
590	107827865	16000533284	B	signal light	1,000	PC	N
600	105716374	16000055189	H	emergency stop button	4,000	PC	9
610	107298752	16000410680	C	monitoring device	1,000	PC	9
620	106983051			transport rail	2,000	PC	N
630	108372004			side frame	1,000	PC	9
640	108372005			side frame	1,000	PC	9
650	108136354			mounting plate	1,000	PC	9
660	108372862	16000646445	A	discharge conveyor	1,000	PC	N
670	105194288	16000010851	B	mount	1,000	PC	9

air conditioning unit

106942074

packaging machine (RM)\basic machine\air conditioning unit



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no drawing available

**air conditioning unit**

**106942074**

**packaging machine (RM)\basic machine\air conditioning unit**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107097801			radial exhaust fan	1,000	PC	5
20	107097810			soleenoid valve	1,000	PC	5
30	107097831			check valve	1,000	PC	5
40	107097832			circuit board	1,000	PC	5
50	107097834			Display	1,000	PC	5
60	107097835			temperature probe	1,000	PC	5
70	107097837			switcher	1,000	PC	5
80	107742549			heat exchanger	1,000	PC	9

rotary lobe pump  
107686683

packaging machine (RM)\basic machine\rotary lobe pump



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**rotary lobe pump**

**107686683**

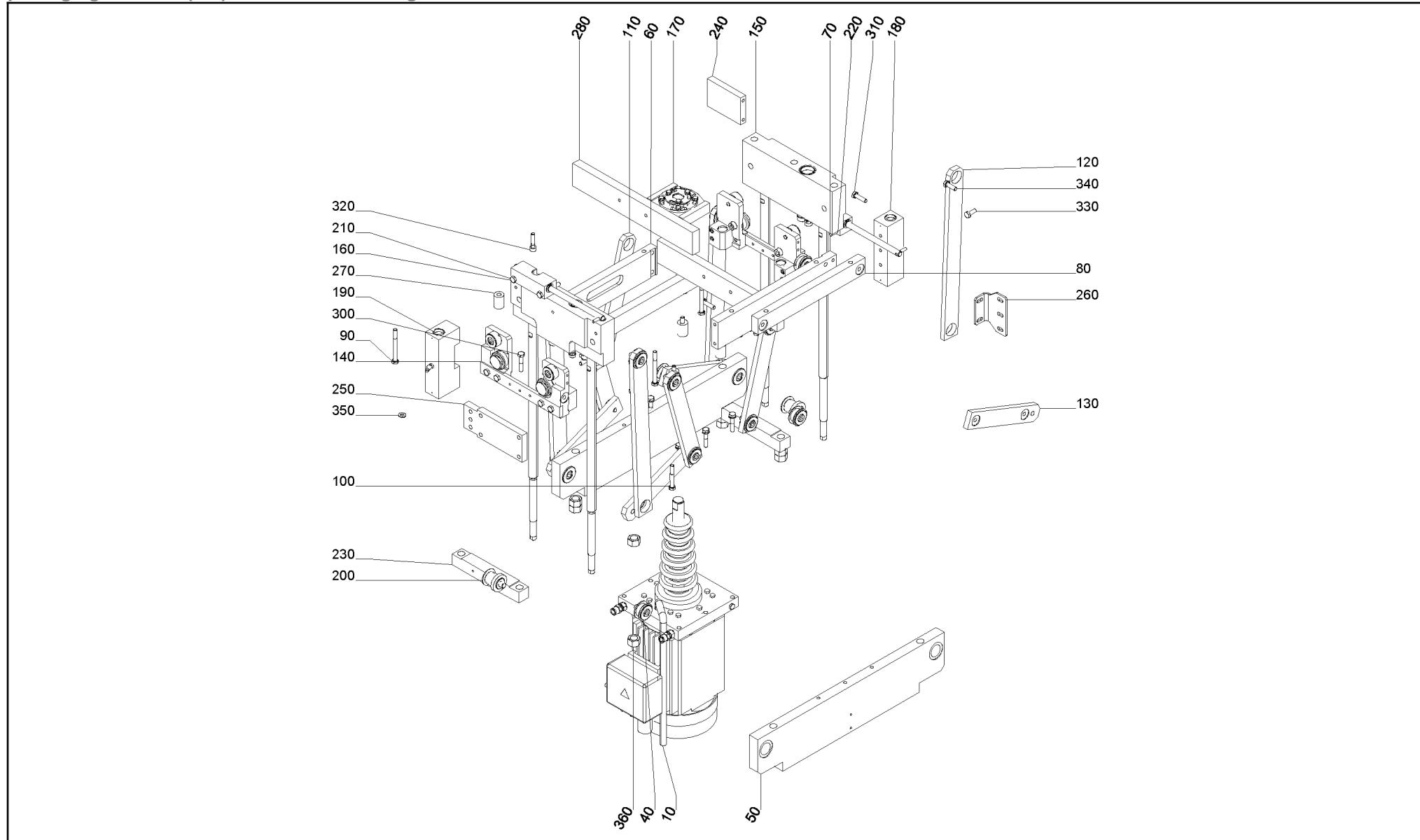
**packaging machine (RM)\basic machine\rotary lobe pump**



pos	material	document	version	description	quantity	quantity unit	SPC
10	106709680			container	1,000	PC	3
20	106709844			o-ring	1,000	PC	3
30	106709846			sieve	1,000	PC	3
40	106709847			seal	1,000	PC	3
50	106709848			lid	1,000	PC	3
60	106709849			seal	1,000	PC	3
70	106709850			lid	1,000	PC	3
80	106709901			disk	1,000	PC	3

lifting device  
108090510

packaging machine (RM)\basic machine\lifting device



## lifting device

108090510

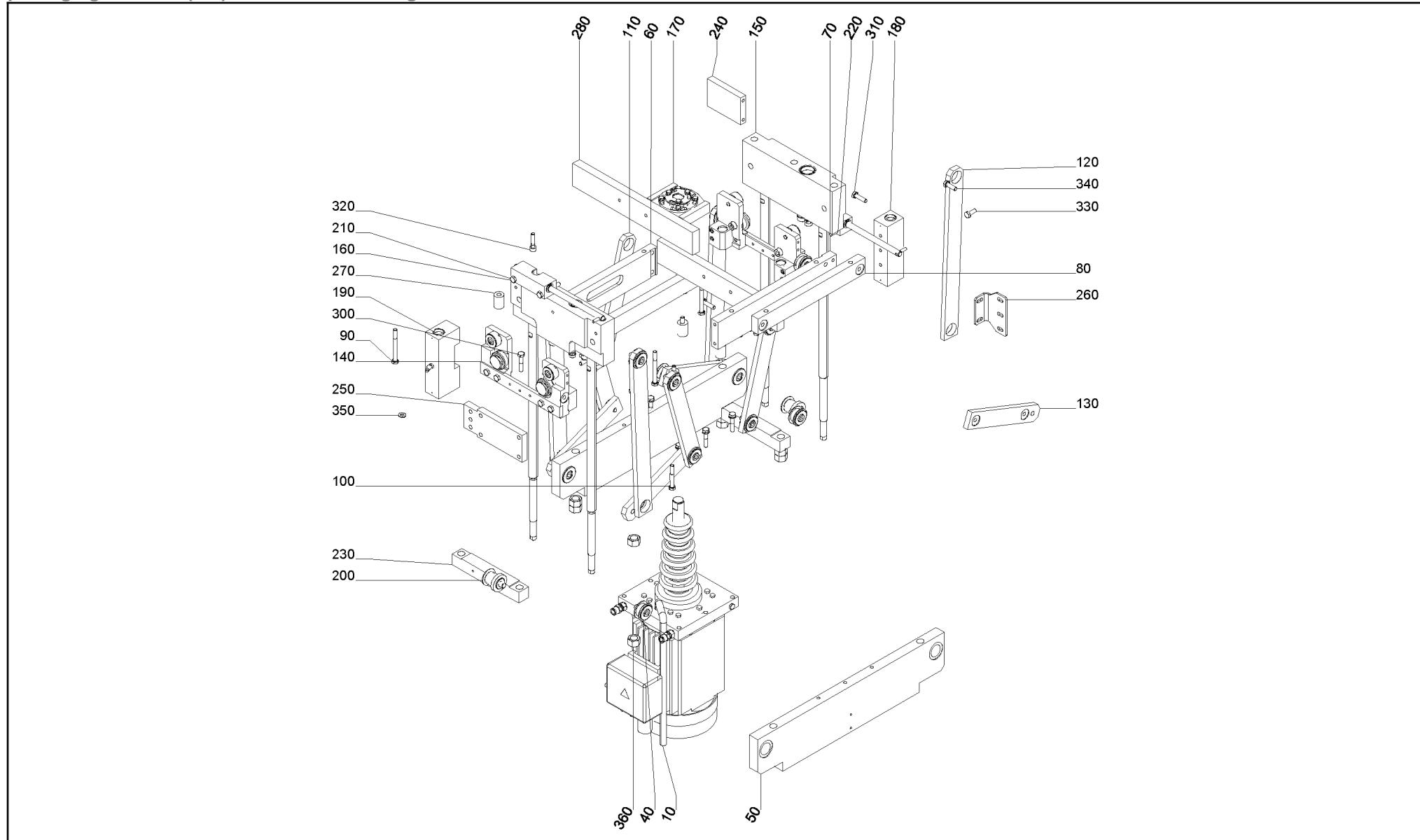
packaging machine (RM)\basic machine\lifting device



pos	material	document	version	description	quantity	quantity unit	SPC
10	106206035			electric cylinder	1,000	PC	5
40	106198011	16000161628	0	bearing	16,000	PC	9
50	106217517			bar	2,000	PC	9
60	106452995			bar	1,000	PC	9
70	106442793			bar	1,000	PC	9
80	106212970			carrier	2,000	PC	9
90	75000082702			hexagon-head bolt	4,000	PC	9
100	105971658			hexagon-head bolt	4,000	PC	9
110	106451087			bar	4,000	PC	9
120	106462110			bar	4,000	PC	9
130	106451395			bar	4,000	PC	9
140	106444385	16000221100	0	mount	2,000	PC	N
150	107604369	16000483191	0	connection block	1,000	PC	9
160	106554078	16000247914	A	connection block	1,000	PC	9
170	107236398	16000396786	A	pressure piece	1,000	PC	9
180	106129734	16000163325	A	guide	1,000	PC	9
190	106435910	16000198918	0	guide	1,000	PC	9
200	106198019	16000161629	0	bearing	4,000	PC	9
210	106083611	16000146521	A	die lock	1,000	PC	9
220	106083698	16000146522	A	die lock	1,000	PC	9
230	106126013			plate	2,000	PC	9
240	106129456			bar	1,000	PC	9
250	106441998			bar	1,000	PC	9
260	105628562			bracket	1,000	PC	9
270	105324877			female connector	4,000	PC	9
280	106428435			lifting bar	2,000	PC	9
290	91147512071			joint connection	1,000	PC	5
300	75000081916			hexagon-head bolt	6,000	PC	9
310	75001081716			hexagon-head bolt	11,000	PC	9
320	75010081816			cylindrical screw	4,000	PC	9

lifting device  
108090510

packaging machine (RM)\basic machine\lifting device



lifting device

108090510

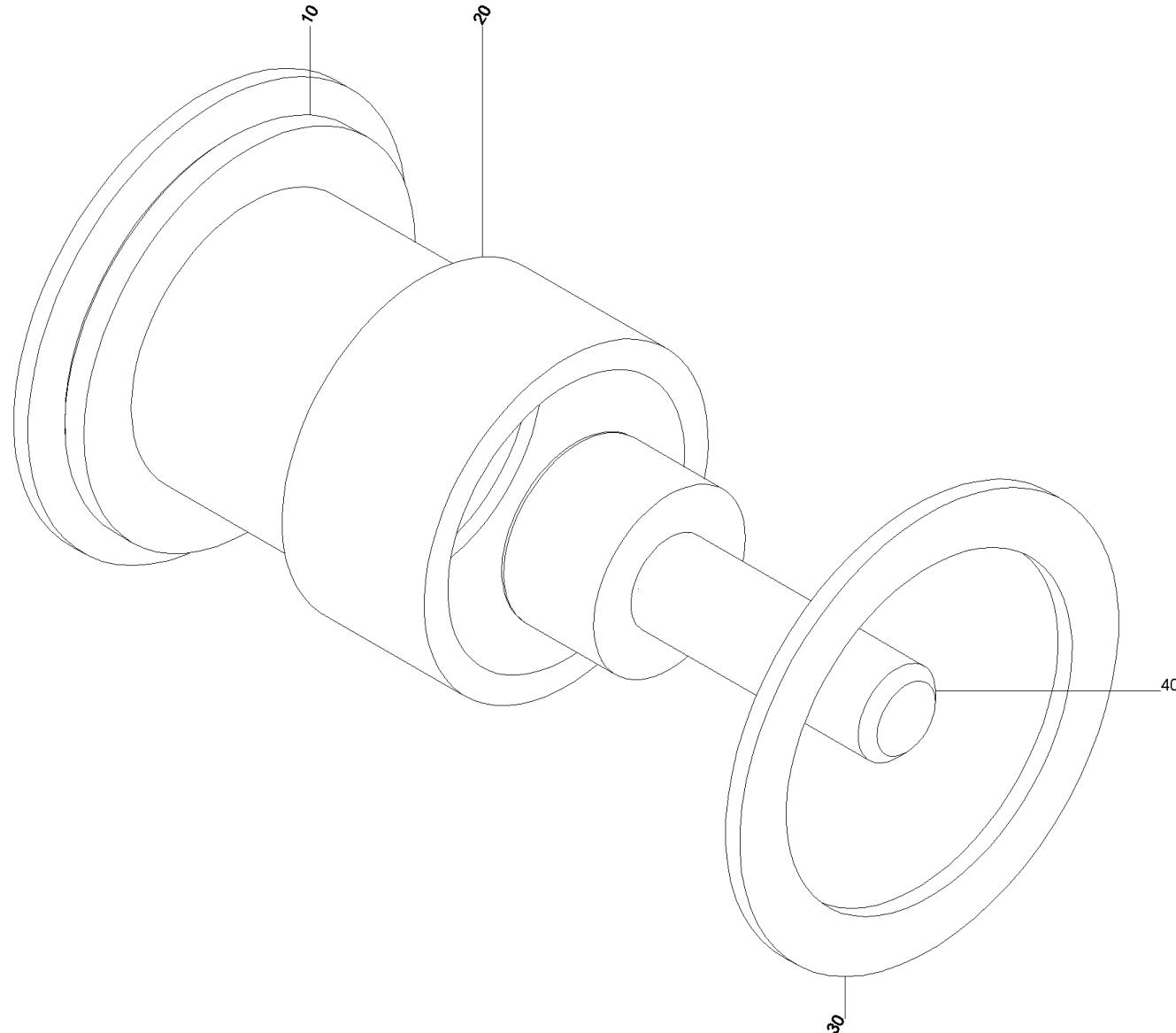
packaging machine (RM)\basic machine\lifting device



pos	material	document	version	description	quantity	quantity unit	SPC
330	75001081316			hexagon-head bolt	3,000	PC	9
340	75001081516			hexagon-head bolt	2,000	PC	9
350	75211010802			disk	14,000	PC	9
360	75200001602			hexagon nut	8,000	PC	9

bearing  
106198011

packaging machine (RM)\basic machine\lifting device\bearing



bearing  
106198011

packaging machine (RM)\basic machine\lifting device\bearing

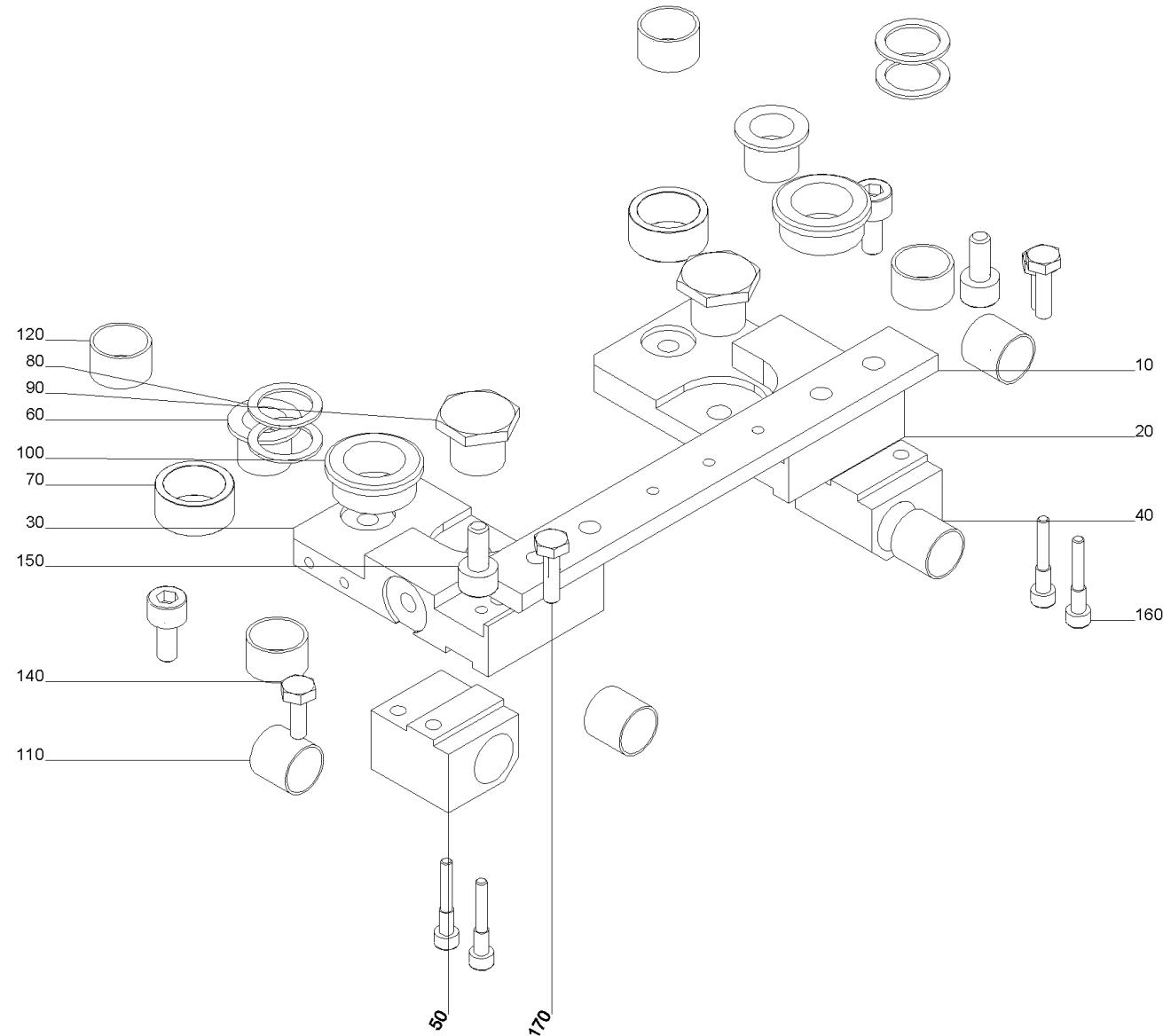


pos	material	document	version	description	quantity	quantity unit	SPC
10	19413311002			collared socket	1,000	PC	1
20	78723025151			slide bearings	1,000	PC	5
30	19717130520			disk	2,000	PC	1
40	75010101548			cylindrical screw	1,000	PC	9

mount

106444385

packaging machine (RM)\basic machine\lifting device\mount



mount

106444385

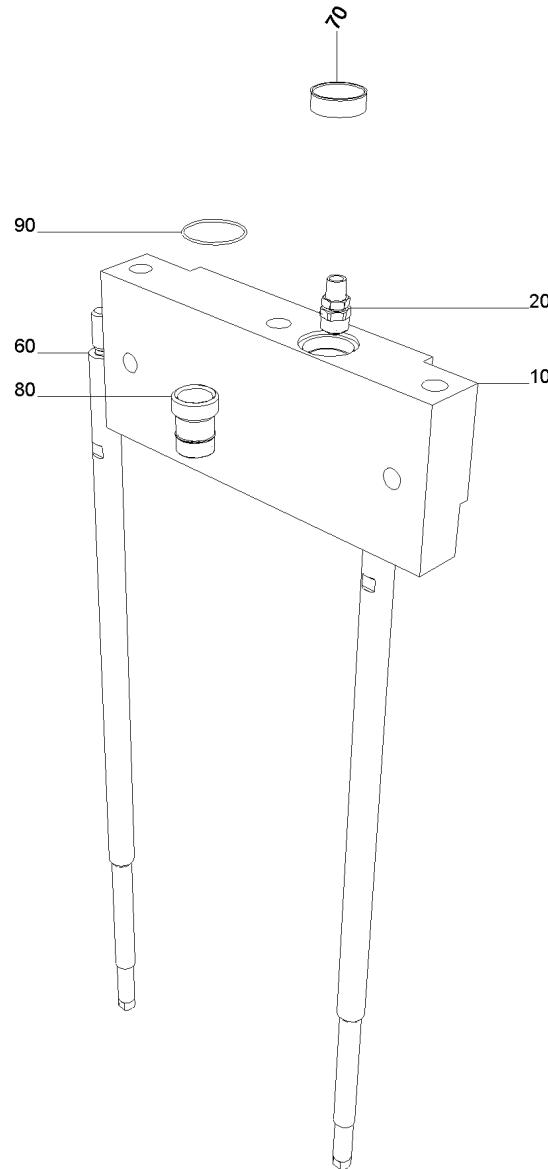
packaging machine (RM)\basic machine\lifting device\mount



pos	material	document	version	description	quantity	quantity unit	SPC
10	106530564			bar	1,000	PC	9
20	106444386			mount	1,000	PC	9
30	106444387			mount	1,000	PC	9
40	106127877			mount	1,000	PC	9
50	106153476			mount	1,000	PC	9
60	19413211000			collared socket	2,000	PC	9
70	19431125410			female connector	2,000	PC	9
80	19717122020			disk	4,000	PC	5
90	106603458			cam pin	2,000	PC	9
100	11611038000			guide roller	2,000	PC	9
110	78721020200			slide bearings	4,000	PC	5
120	78722022150			slide bearings	4,000	PC	5
130	91147512070			adhesive	1,000	PC	5
140	75001081316			hexagon-head bolt	2,000	PC	9
150	75010101316			cylindrical screw	4,000	PC	9
160	75010061816			cylindrical screw	4,000	PC	9
170	75001081516			hexagon-head bolt	2,000	PC	9

**connection block**  
**107604369**

**packaging machine (RM)\basic machine\lifting device\connection block**



**connection block****107604369**

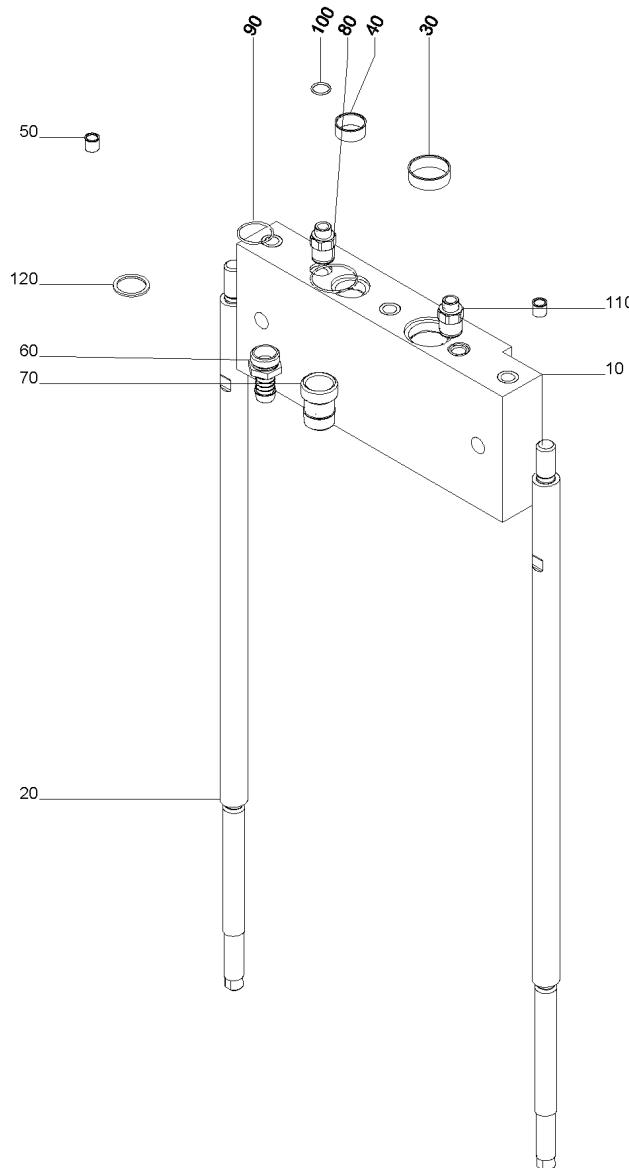
packaging machine (RM)\basic machine\lifting device\connection block



pos	material	document	version	description	quantity	quantity unit	SPC
10	107604353			connection block	1,000	PC	9
20	81141803211			screw fitting	1,000	PC	9
30	91147512071			joint connection	1,000	PC	5
40	91151111510			adhesion	1,000	PC	C
60	106126650			guide column	2,000	PC	9
70	19103212080			pipe spout	1,000	PC	5
80	19103211031			hose connection piece	1,000	PC	9
90	78301030301			o-ring	1,000	PC	1

**connection block**  
**106554078**

packaging machine (RM)\basic machine\lifting device\connection block



**connection block****106554078**

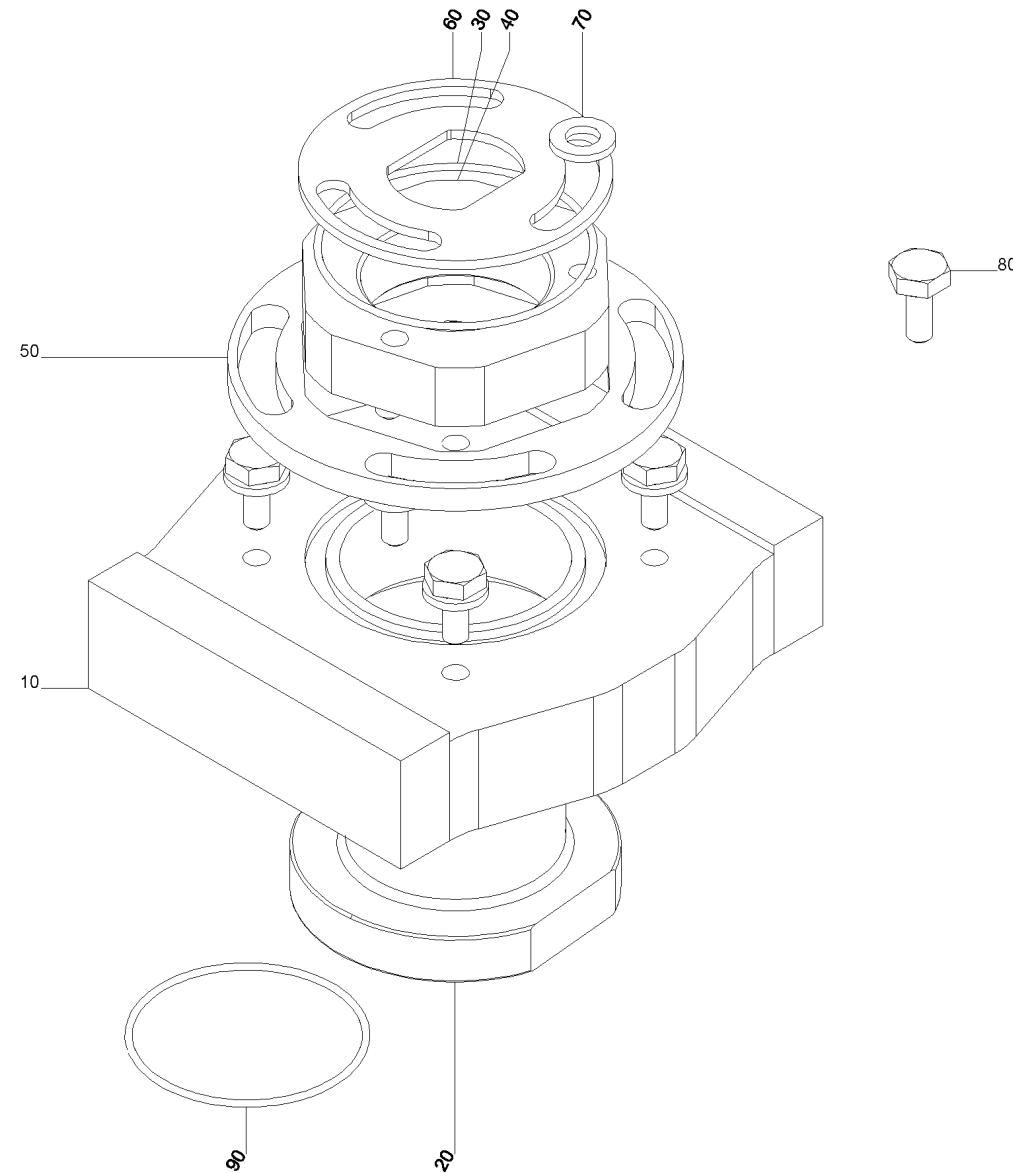
packaging machine (RM)\basic machine\lifting device\connection block



pos	material	document	version	description	quantity	quantity unit	SPC
10	106554079			connection block	1,000	PC	9
20	106126650			guide column	2,000	PC	9
30	19103212080			pipe spout	1,000	PC	5
40	19103212070			pipe spout	1,000	PC	5
50	19103212060			pipe spout	2,000	PC	5
60	106915927			threaded socket	1,000	PC	9
70	19103211031			hose connection piece	1,000	PC	9
80	78301030301			o-ring	1,000	PC	1
90	78301022301			o-ring	1,000	PC	1
100	78301010300			o-ring	2,000	PC	1
110	107009151			threaded coupling	2,000	PC	9
120	81141806525			sealing ring	1,000	PC	9
130	91151111510			adhesion	1,000	PC	C
150	91147512071			joint connection	1,000	PC	5

pressure piece  
107236398

packaging machine (RM)\basic machine\lifting device\pressure piece



**pressure piece**

**107236398**

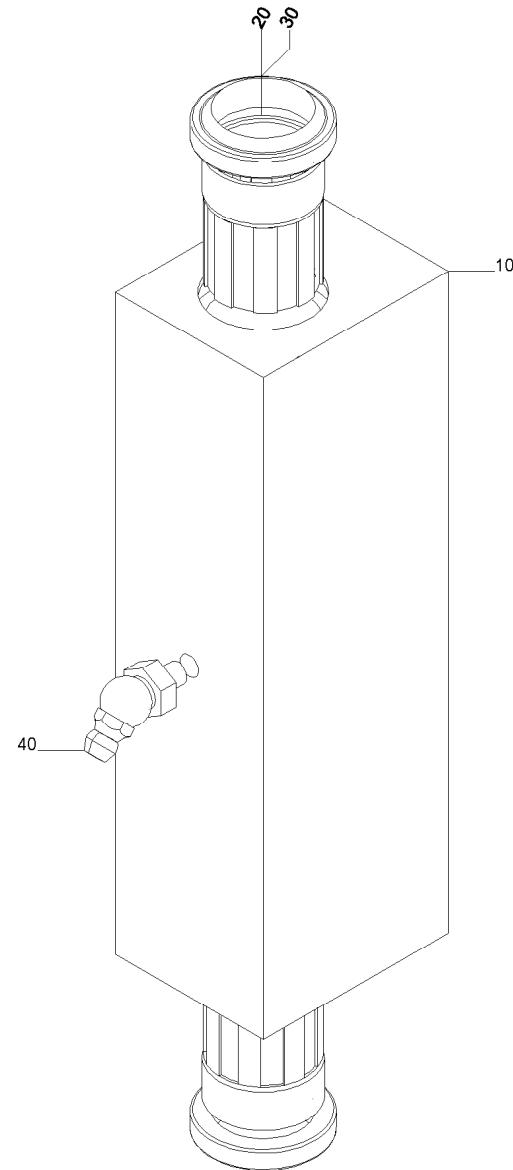
**packaging machine (RM)\basic machine\lifting device\pressure piece**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107236435			plate	1,000	PC	9
20	107236432			female connector	1,000	PC	9
30	106025483			o-ring	1,000	PC	1
40	107236548			screw nut	1,000	PC	9
50	107236566			disk	1,000	PC	N
60	107236810			sheet	1,000	PC	N
70	75211010602			disk	7,000	PC	9
80	75001060916			hexagon-head bolt	7,000	PC	9
90	106722308			o-ring	1,000	PC	1

guide  
106129734

packaging machine (RM)\basic machine\lifting device\guide



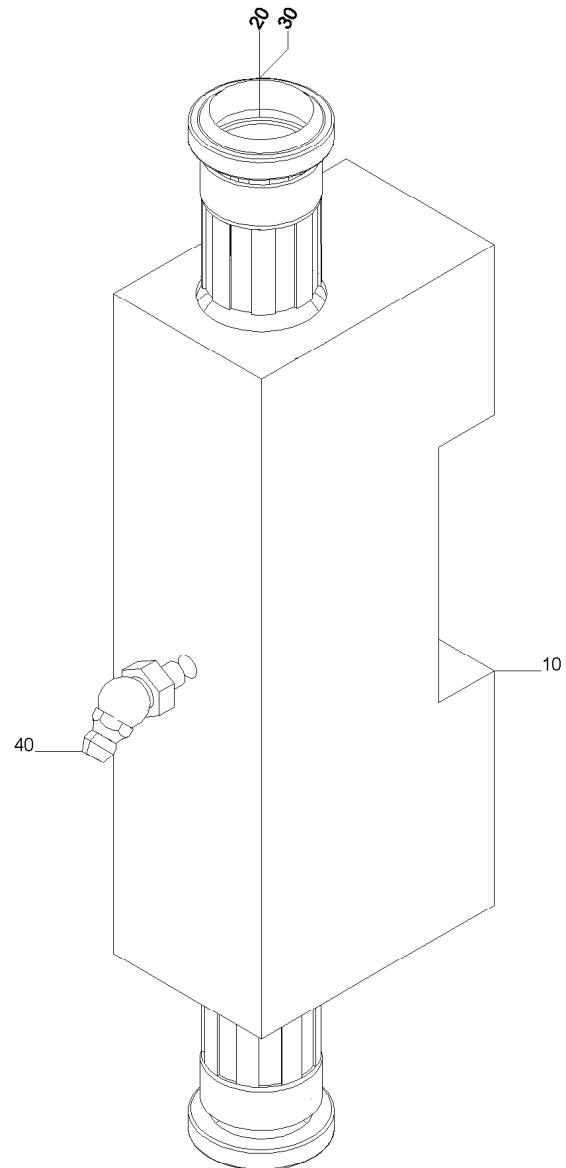
guide

106129734

packaging machine (RM)\basic machine\lifting device\guide



pos	material	document	version	description	quantity	quantity unit	SPC
10	106129735			guide	1,000	PC	9
20	105580262			Linear sliding bearing	2,000	PC	5
30	80209407301			stripper	2,000	PC	5
40	75206511702			lubricating nipple, cone type	1,000	PC	9



guide

106435910

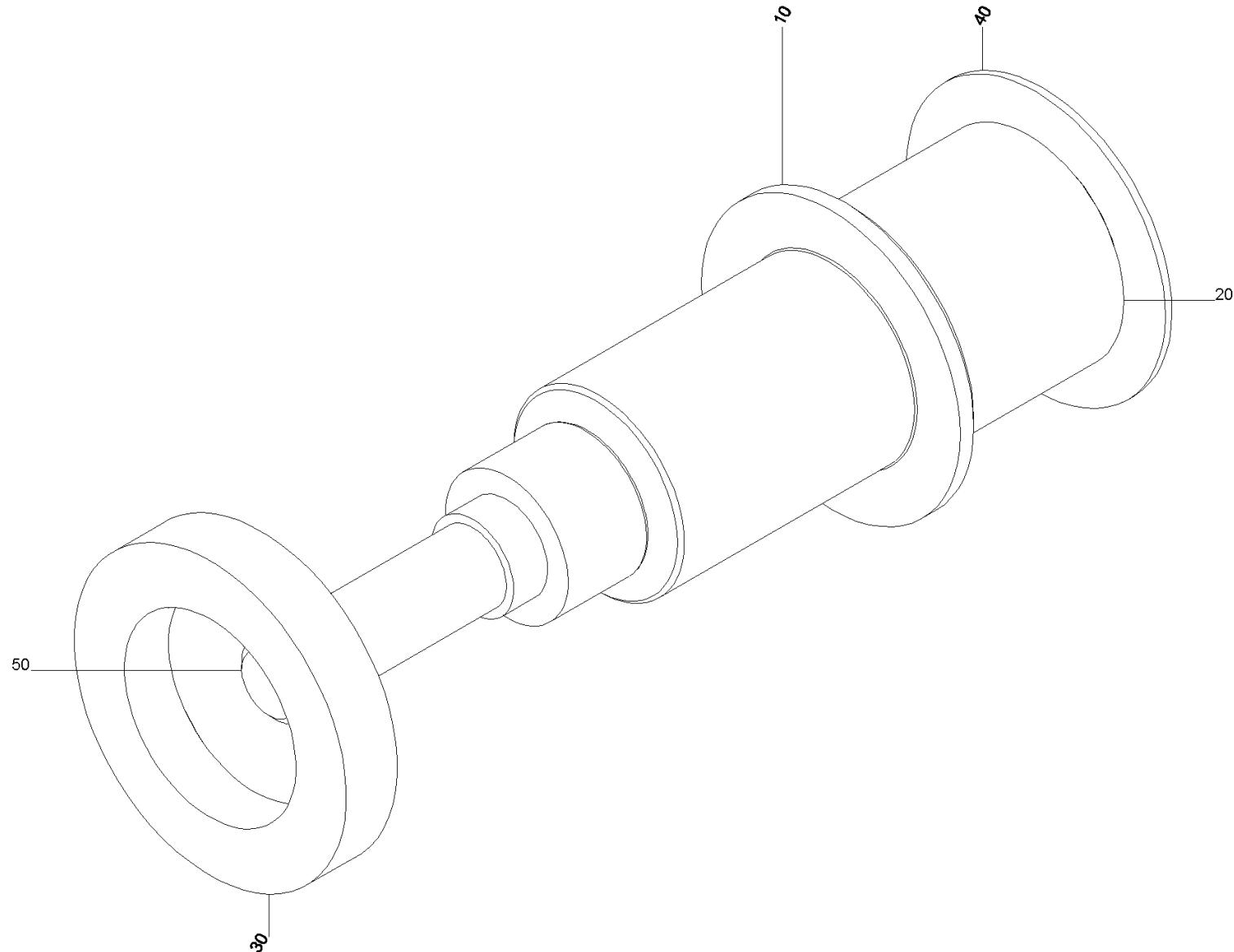
packaging machine (RM)\basic machine\lifting device\guide



pos	material	document	version	description	quantity	quantity unit	SPC
10	106435921			guide	1,000	PC	9
20	105580262			Linear sliding bearing	2,000	PC	5
30	80209407301			stripper	2,000	PC	5
40	75206511702			lubricating nipple, cone type	1,000	PC	9

bearing  
106198019

packaging machine (RM)\basic machine\lifting device\bearing



bearing  
106198019

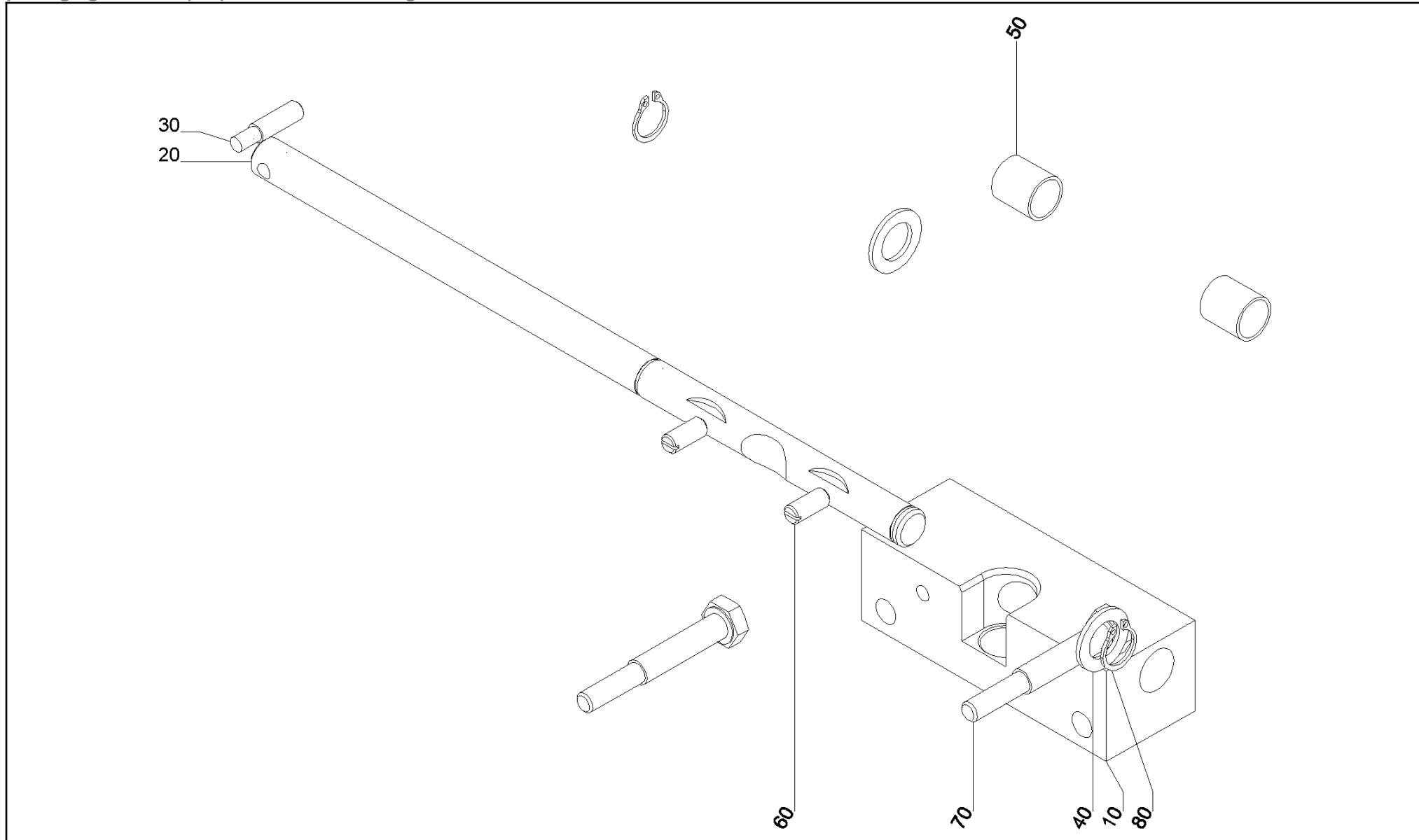
packaging machine (RM)\basic machine\lifting device\bearing



pos	material	document	version	description	quantity	quantity unit	SPC
10	19413312003			collared socket	1,000	PC	1
20	78721025250			slide bearings	1,000	PC	5
30	105645231			distance bushing	1,000	PC	9
40	19717125520			disk	1,000	PC	1
50	75010121803			cylindrical screw	1,000	PC	9

die lock  
106083611

packaging machine (RM)\basic machine\lifting device\die lock



die lock

106083611

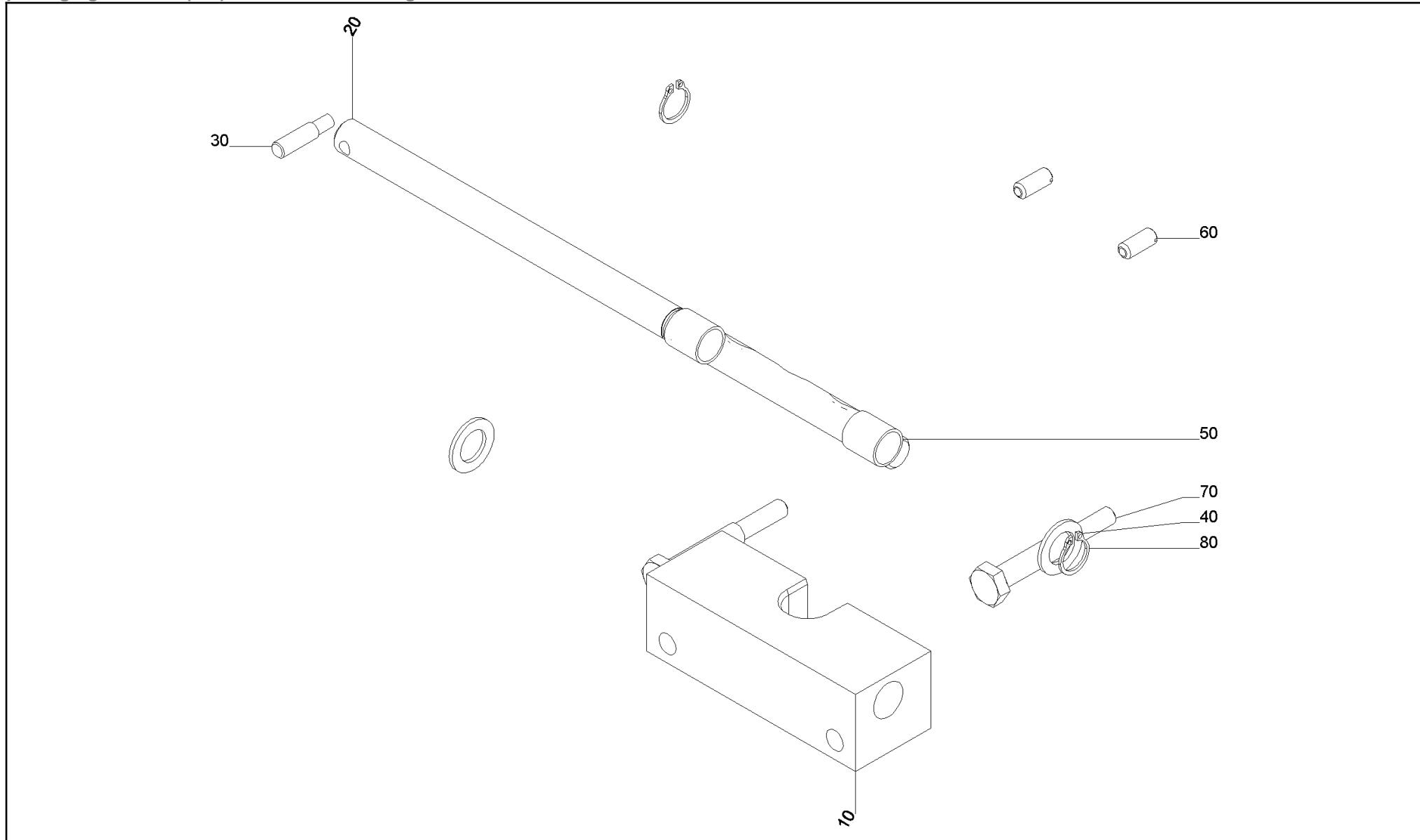
packaging machine (RM)\basic machine\lifting device\die lock



pos	material	document	version	description	quantity	quantity unit	SPC
10	11611257101			guide	1,000	PC	9
20	11611245500			shaft	1,000	PC	9
30	11611246200			stud	1,000	PC	9
40	19717112020			disk	2,000	PC	9
50	78721012151			slide bearings	2,000	PC	5
60	75860000602			pressure piece	2,000	PC	9
70	105971658			hexagon-head bolt	2,000	PC	9
80	78100001202			retaining ring	2,000	PC	9
90	91147512011			adhesive	1,000	PC	C

die lock  
106083698

packaging machine (RM)\basic machine\lifting device\die lock



die lock

106083698

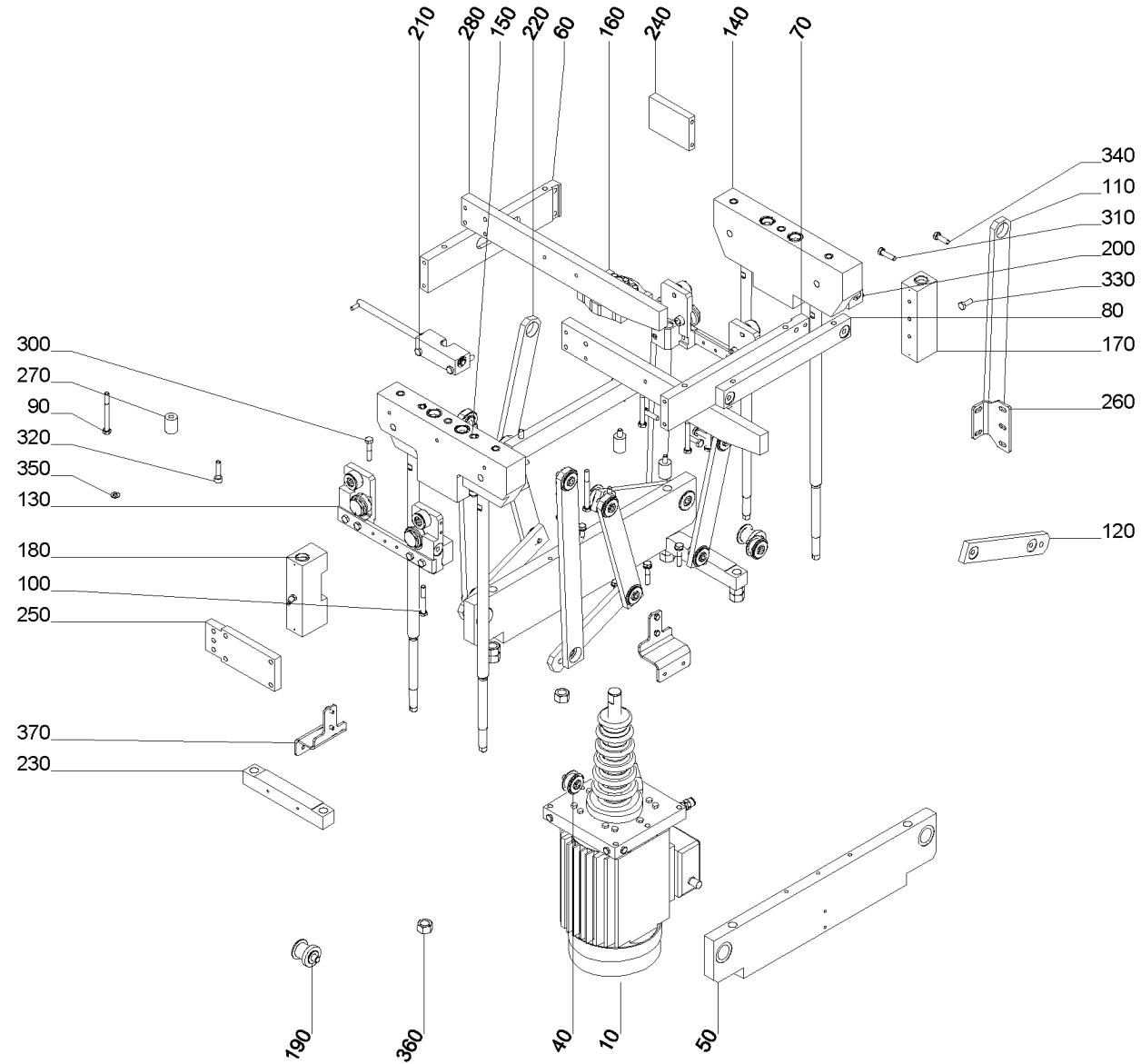
packaging machine (RM)\basic machine\lifting device\die lock



pos	material	document	version	description	quantity	quantity unit	SPC
10	11611257101			guide	1,000	PC	9
20	11611245501			shaft	1,000	PC	9
30	11611246200			stud	1,000	PC	9
40	19717112020			disk	2,000	PC	9
50	78721012151			slide bearings	2,000	PC	5
60	75860000602			pressure piece	2,000	PC	9
70	105971658			hexagon-head bolt	2,000	PC	9
80	78100001202			retaining ring	2,000	PC	9
90	91147512011			adhesive	1,000	PC	C

lifting device  
106556161

packaging machine (RM)\basic machine\lifting device



## lifting device

106556161

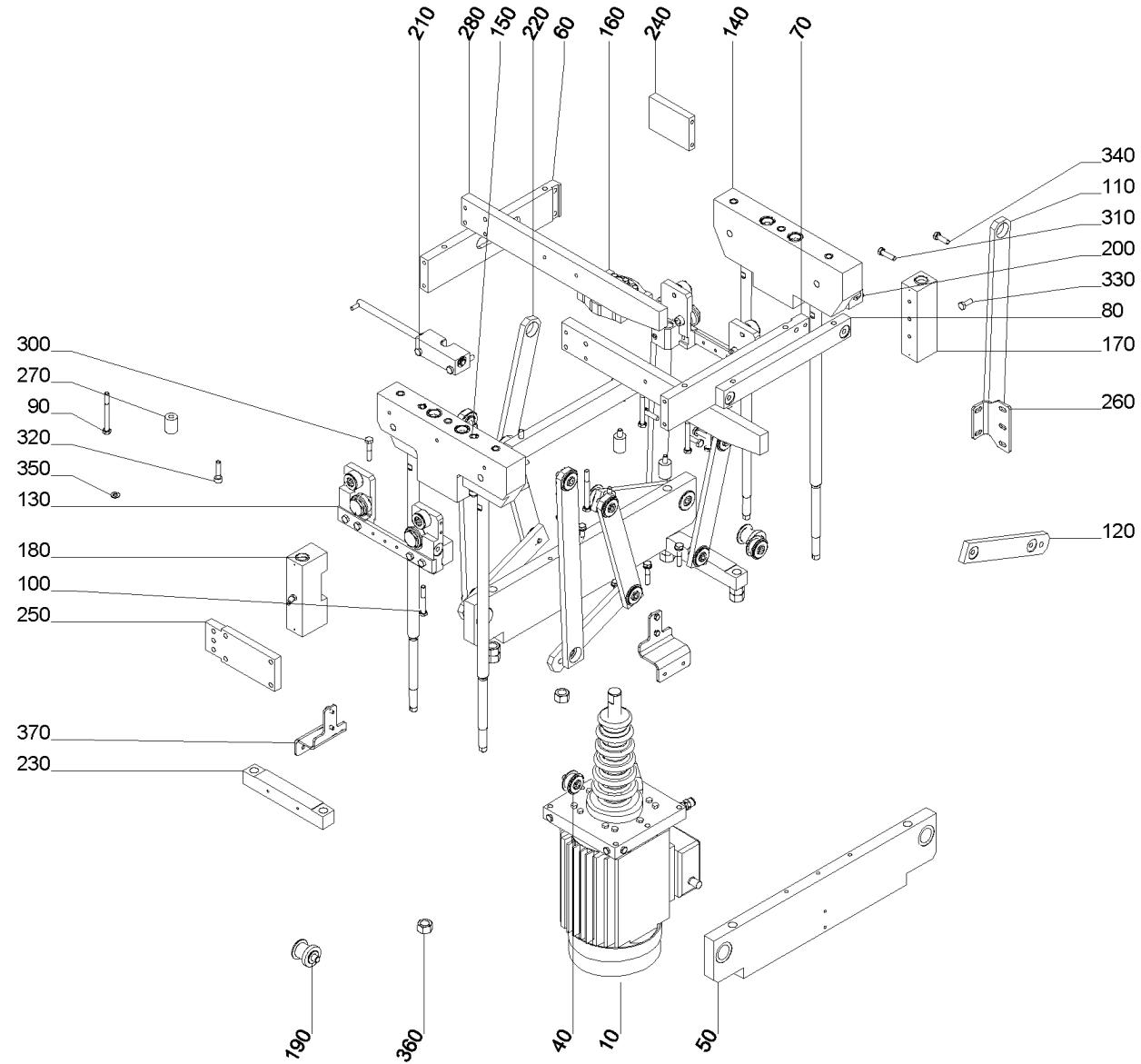
packaging machine (RM)\basic machine\lifting device



pos	material	document	version	description	quantity	quantity unit	SPC
10	106206035			electric cylinder	1,000	PC	5
40	106198011	16000161628	0	bearing	16,000	PC	9
50	106217517			bar	2,000	PC	9
60	106452995			bar	1,000	PC	9
70	106442793			bar	1,000	PC	9
80	106212970			carrier	2,000	PC	9
90	75000082702			hexagon-head bolt	4,000	PC	9
100	105971658			hexagon-head bolt	4,000	PC	9
110	106462110			bar	4,000	PC	9
120	106451395			bar	4,000	PC	9
130	106444385	16000221100	0	mount	2,000	PC	N
140	106442479	16000224903	0	connection block	1,000	PC	9
150	106443727	16000224904	A	connection block	1,000	PC	9
160	107236398	16000396786	A	pressure piece	1,000	PC	9
170	106129734	16000163325	A	guide	1,000	PC	9
180	106435910	16000198918	0	guide	1,000	PC	9
190	106198019	16000161629	0	bearing	4,000	PC	9
200	106083611	16000146521	A	die lock	1,000	PC	9
210	106083698	16000146522	A	die lock	1,000	PC	9
220	106451087			bar	4,000	PC	9
230	106126013			plate	2,000	PC	9
240	106129456			bar	1,000	PC	9
250	106441998			bar	1,000	PC	9
260	105628562			bracket	1,000	PC	9
270	105324877			female connector	4,000	PC	9
280	106441408			lifting bar	2,000	PC	9
290	91147512071			joint connection	1,000	PC	5
300	75000081916			hexagon-head bolt	6,000	PC	9
310	75001081716			hexagon-head bolt	11,000	PC	9
320	75010081816			cylindrical screw	4,000	PC	9

lifting device  
106556161

packaging machine (RM)\basic machine\lifting device



lifting device

106556161

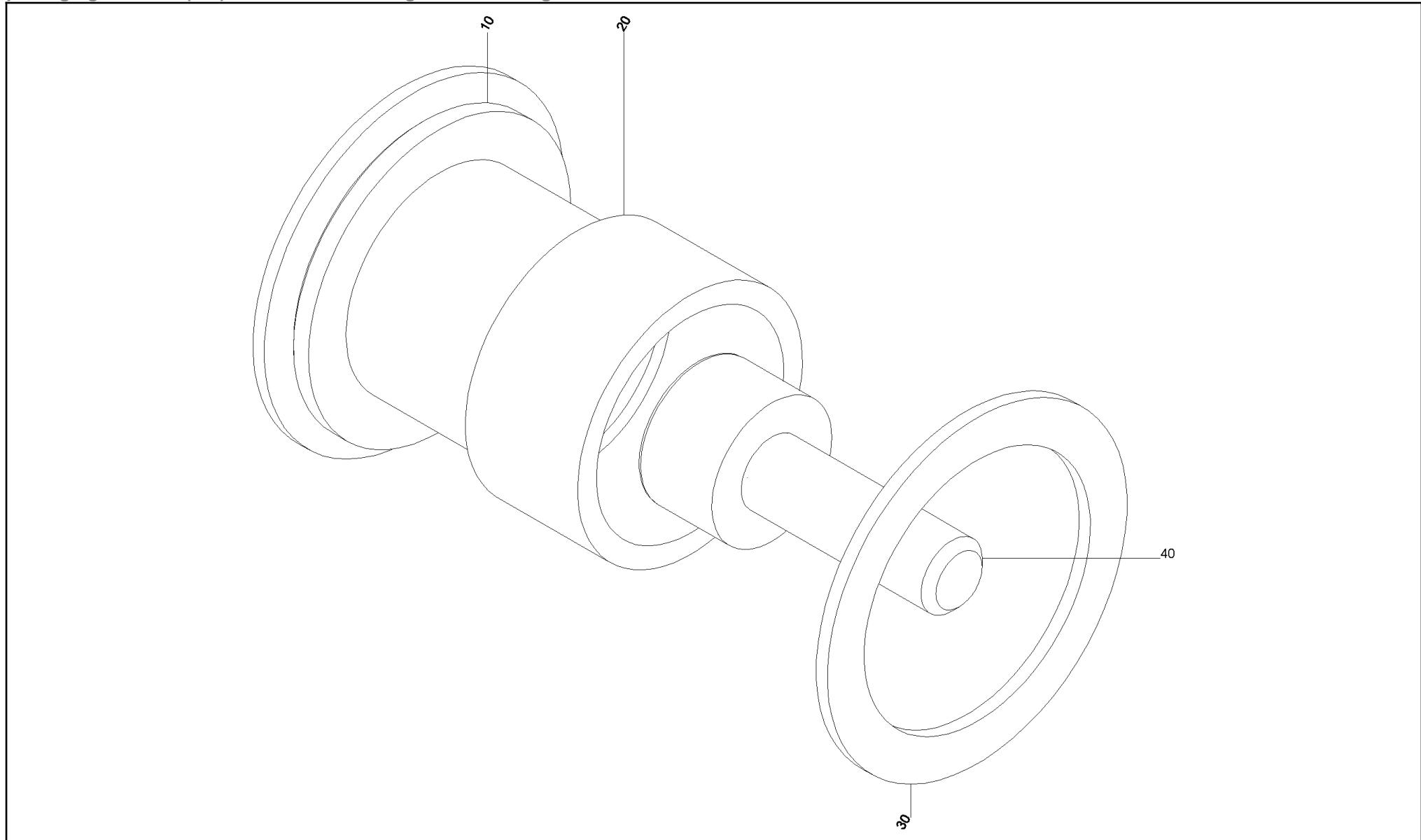
packaging machine (RM)\basic machine\lifting device



pos	material	document	version	description	quantity	quantity unit	SPC
330	75001081316			hexagon-head bolt	3,000	PC	9
340	75001081516			hexagon-head bolt	2,000	PC	9
350	75211010802			disk	14,000	PC	9
360	75200001602			hexagon nut	8,000	PC	9
370	106983575	16000322214	B	mounting set	2,000	PC	9

bearing  
106198011

packaging machine (RM)\basic machine\lifting device\bearing



bearing  
106198011

packaging machine (RM)\basic machine\lifting device\bearing

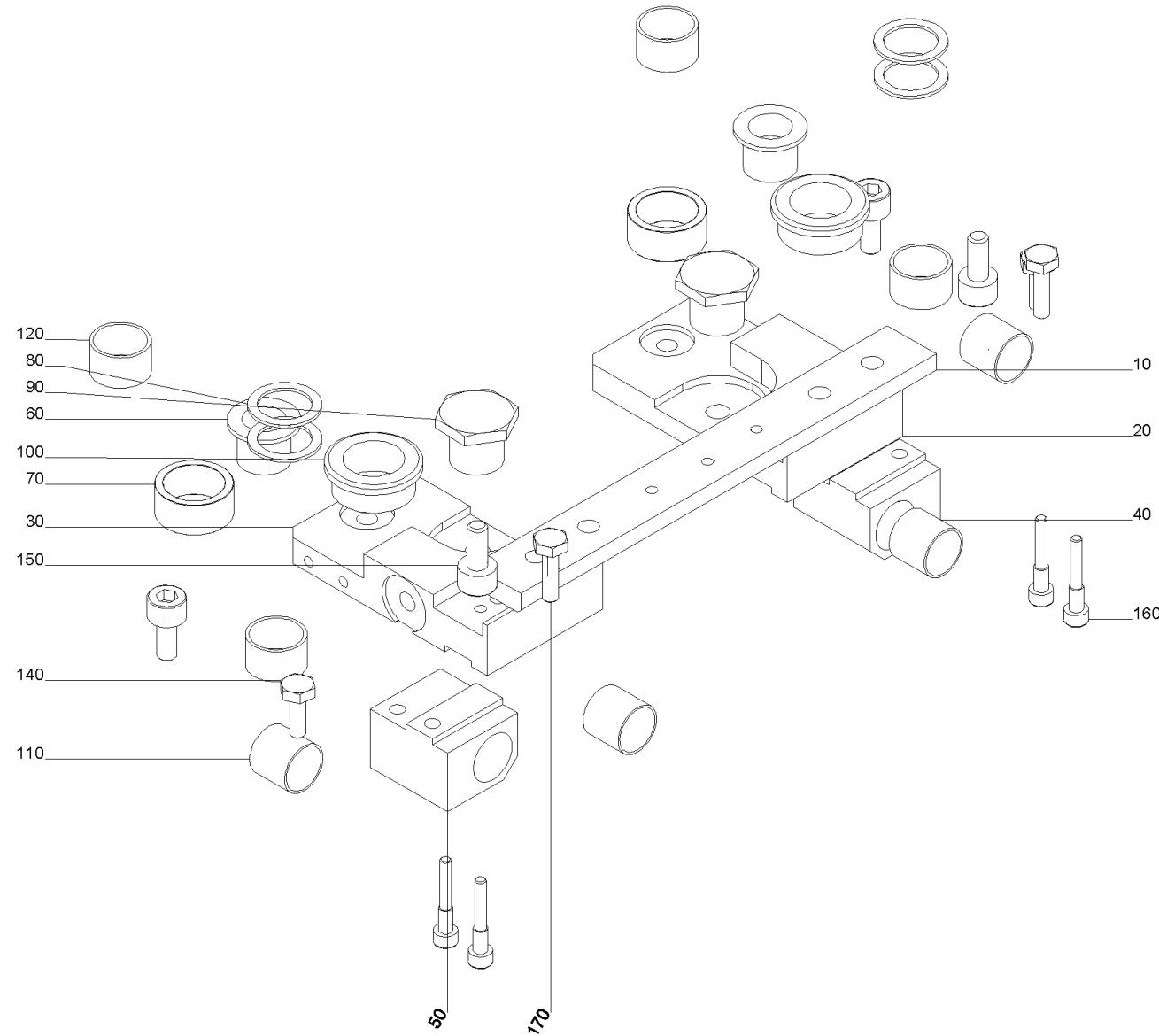


pos	material	document	version	description	quantity	quantity unit	SPC
10	19413311002			collared socket	1,000	PC	1
20	78723025151			slide bearings	1,000	PC	5
30	19717130520			disk	2,000	PC	1
40	75010101548			cylindrical screw	1,000	PC	9

mount

106444385

packaging machine (RM)\basic machine\lifting device\mount



mount

106444385

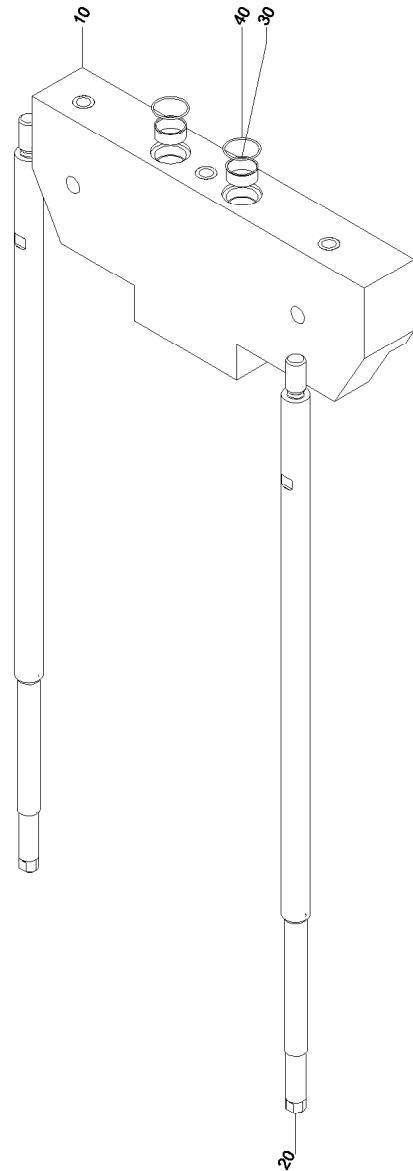
packaging machine (RM)\basic machine\lifting device\mount



pos	material	document	version	description	quantity	quantity unit	SPC
10	106530564			bar	1,000	PC	9
20	106444386			mount	1,000	PC	9
30	106444387			mount	1,000	PC	9
40	106127877			mount	1,000	PC	9
50	106153476			mount	1,000	PC	9
60	19413211000			collared socket	2,000	PC	9
70	19431125410			female connector	2,000	PC	9
80	19717122020			disk	4,000	PC	5
90	106603458			cam pin	2,000	PC	9
100	11611038000			guide roller	2,000	PC	9
110	78721020200			slide bearings	4,000	PC	5
120	78722022150			slide bearings	4,000	PC	5
130	91147512070			adhesive	1,000	PC	5
140	75001081316			hexagon-head bolt	2,000	PC	9
150	75010101316			cylindrical screw	4,000	PC	9
160	75010061816			cylindrical screw	4,000	PC	9
170	75001081516			hexagon-head bolt	2,000	PC	9

**connection block**  
**106442479**

**packaging machine (RM)\basic machine\lifting device\connection block**



**connection block****106442479**

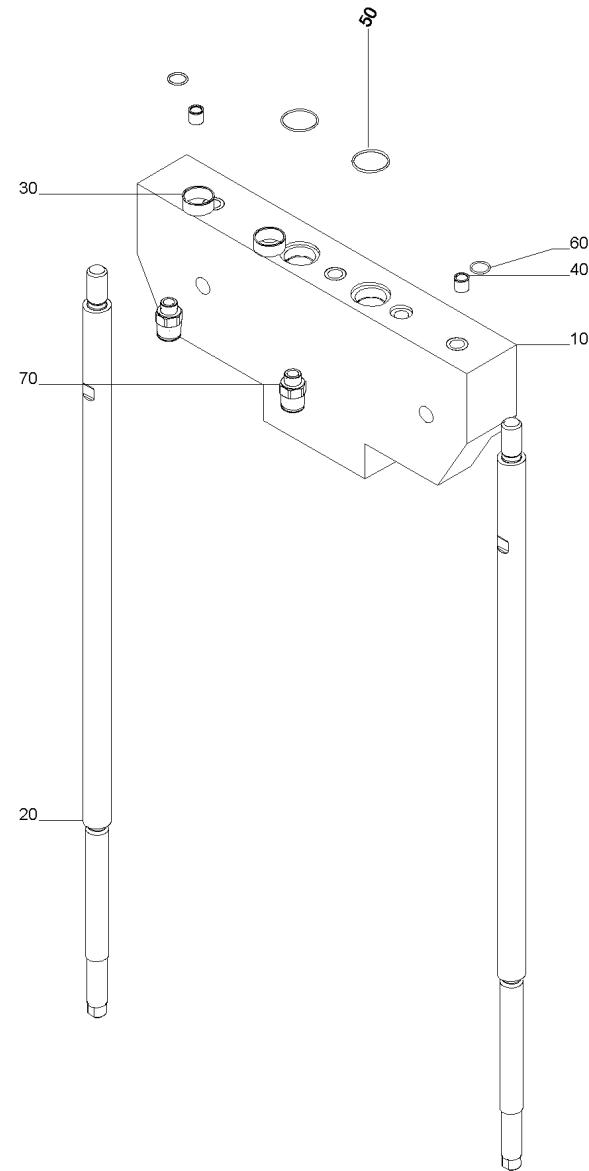
packaging machine (RM)\basic machine\lifting device\connection block



pos	material	document	version	description	quantity	quantity unit	SPC
10	106442480			connection block	1,000	PC	9
20	106126650			guide column	2,000	PC	9
30	19103212070			pipe spout	2,000	PC	5
40	78301022301			o-ring	2,000	PC	1
50	91147512071			joint connection	0,010	PC	5
60	91151111510			adhesion	1,000	PC	C

**connection block**  
**106443727**

**packaging machine (RM)\basic machine\lifting device\connection block**



**connection block****106443727**

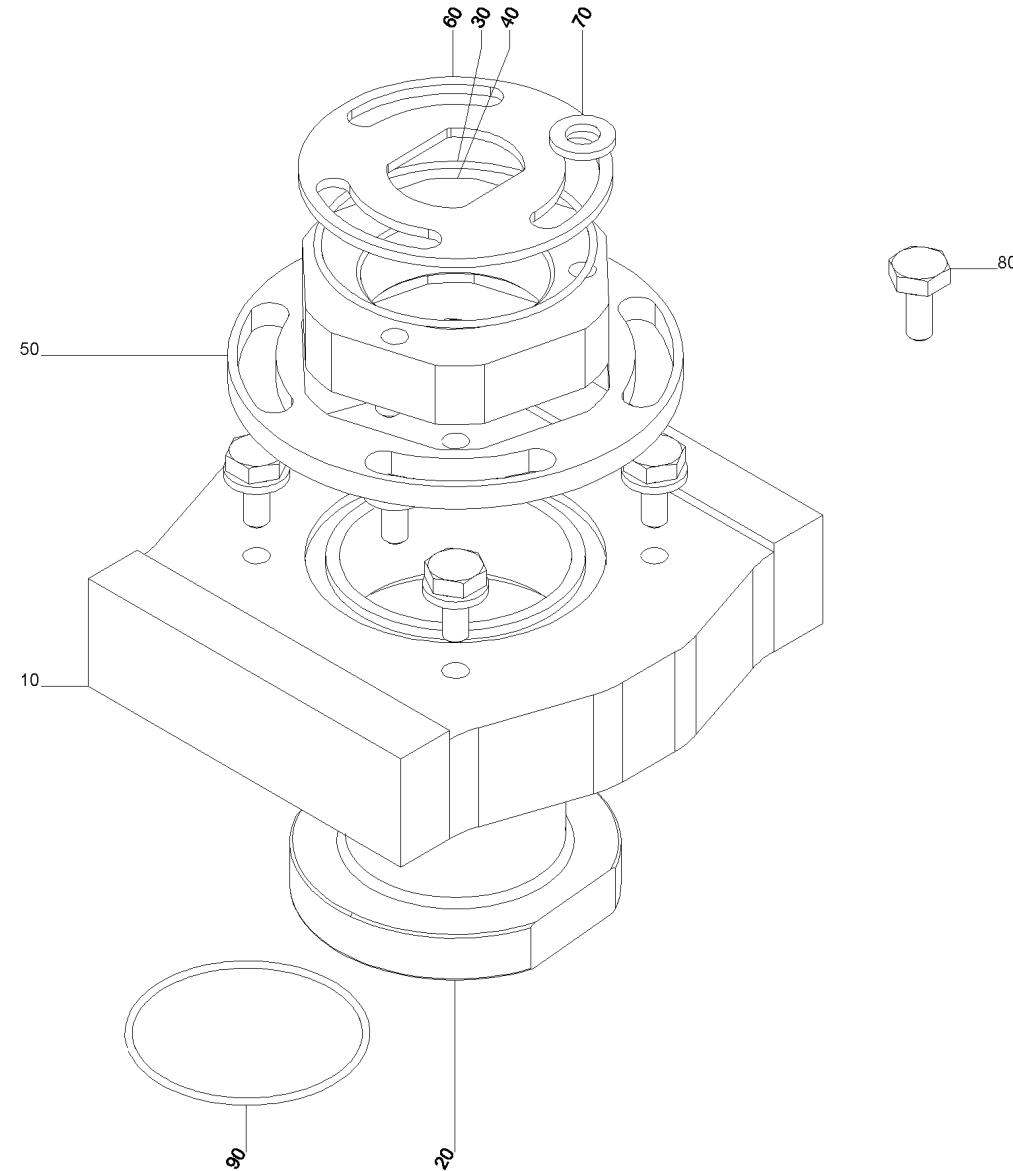
packaging machine (RM)\basic machine\lifting device\connection block



pos	material	document	version	description	quantity	quantity unit	SPC
10	106443729			connection block	1,000	PC	9
20	106126650			guide column	2,000	PC	9
30	19103212070			pipe spout	2,000	PC	5
40	19103212060			pipe spout	2,000	PC	5
50	78301022301			o-ring	2,000	PC	1
60	78301010300			o-ring	2,000	PC	1
70	107009151			threaded coupling	2,000	PC	9
80	91147512071			joint connection	0,010	PC	5
90	91151111510			adhesion	1,000	PC	C

pressure piece  
107236398

packaging machine (RM)\basic machine\lifting device\pressure piece



**pressure piece**

107236398

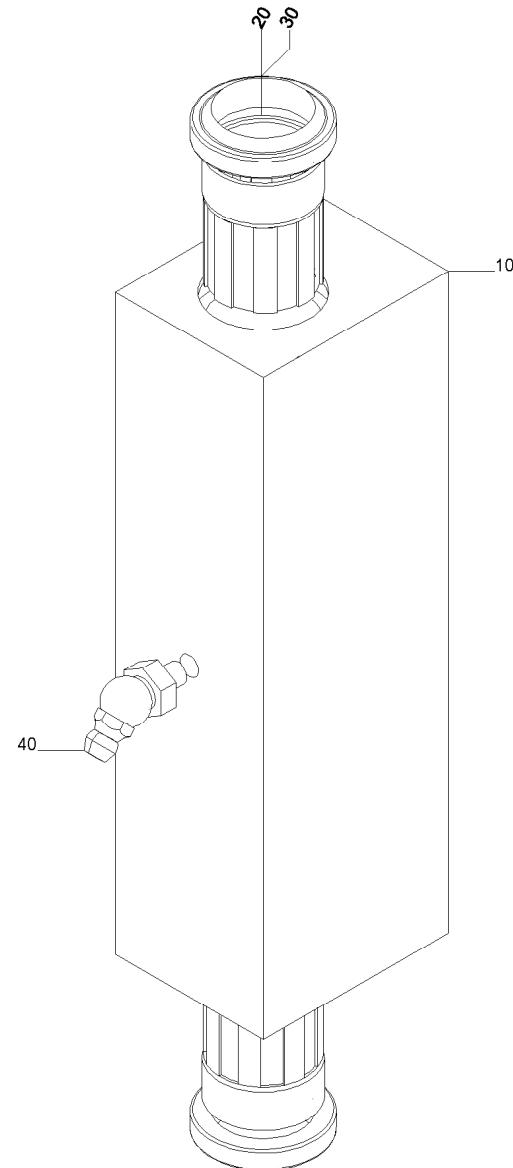
packaging machine (RM)\basic machine\lifting device\pressure piece



pos	material	document	version	description	quantity	quantity unit	SPC
10	107236435			plate	1,000	PC	9
20	107236432			female connector	1,000	PC	9
30	106025483			o-ring	1,000	PC	1
40	107236548			screw nut	1,000	PC	9
50	107236566			disk	1,000	PC	N
60	107236810			sheet	1,000	PC	N
70	75211010602			disk	7,000	PC	9
80	75001060916			hexagon-head bolt	7,000	PC	9
90	106722308			o-ring	1,000	PC	1

guide  
106129734

packaging machine (RM)\basic machine\lifting device\guide



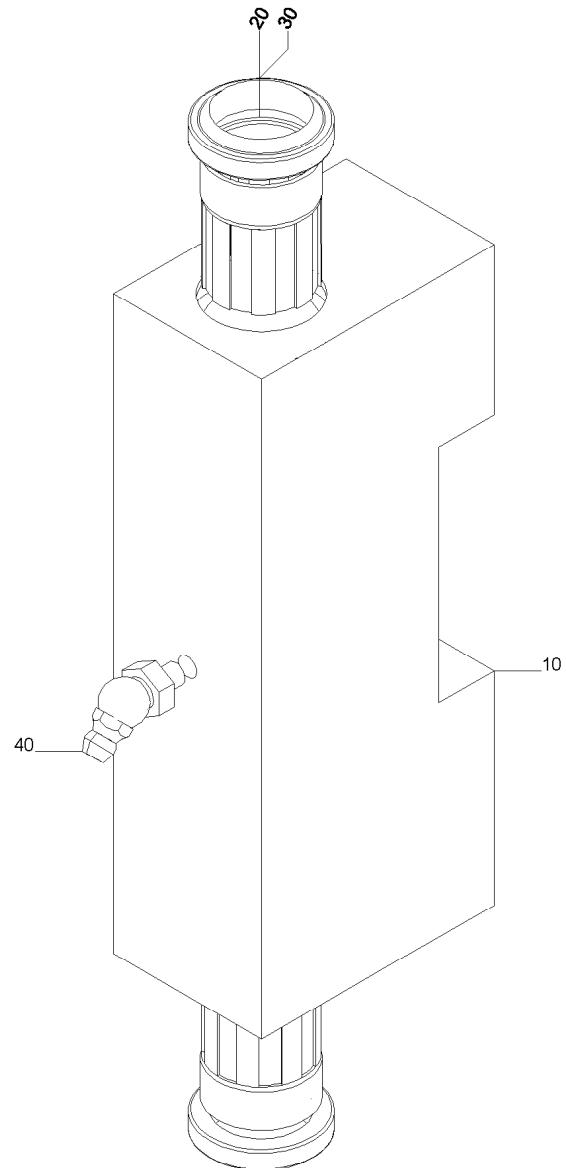
guide

106129734

packaging machine (RM)\basic machine\lifting device\guide



pos	material	document	version	description	quantity	quantity unit	SPC
10	106129735			guide	1,000	PC	9
20	105580262			Linear sliding bearing	2,000	PC	5
30	80209407301			stripper	2,000	PC	5
40	75206511702			lubricating nipple, cone type	1,000	PC	9



guide

106435910

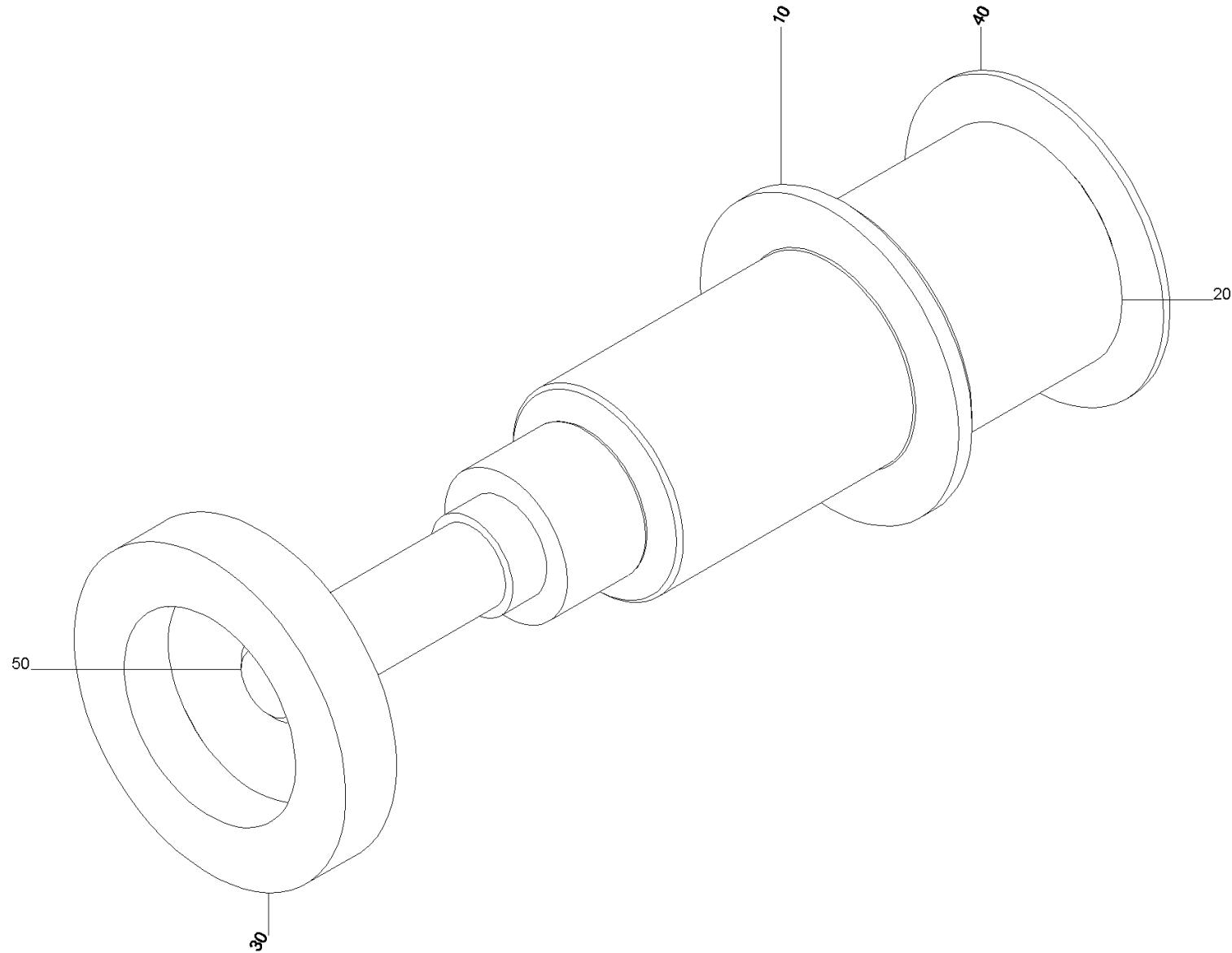
packaging machine (RM)\basic machine\lifting device\guide



pos	material	document	version	description	quantity	quantity unit	SPC
10	106435921			guide	1,000	PC	9
20	105580262			Linear sliding bearing	2,000	PC	5
30	80209407301			stripper	2,000	PC	5
40	75206511702			lubricating nipple, cone type	1,000	PC	9

bearing  
106198019

packaging machine (RM)\basic machine\lifting device\bearing



bearing  
106198019

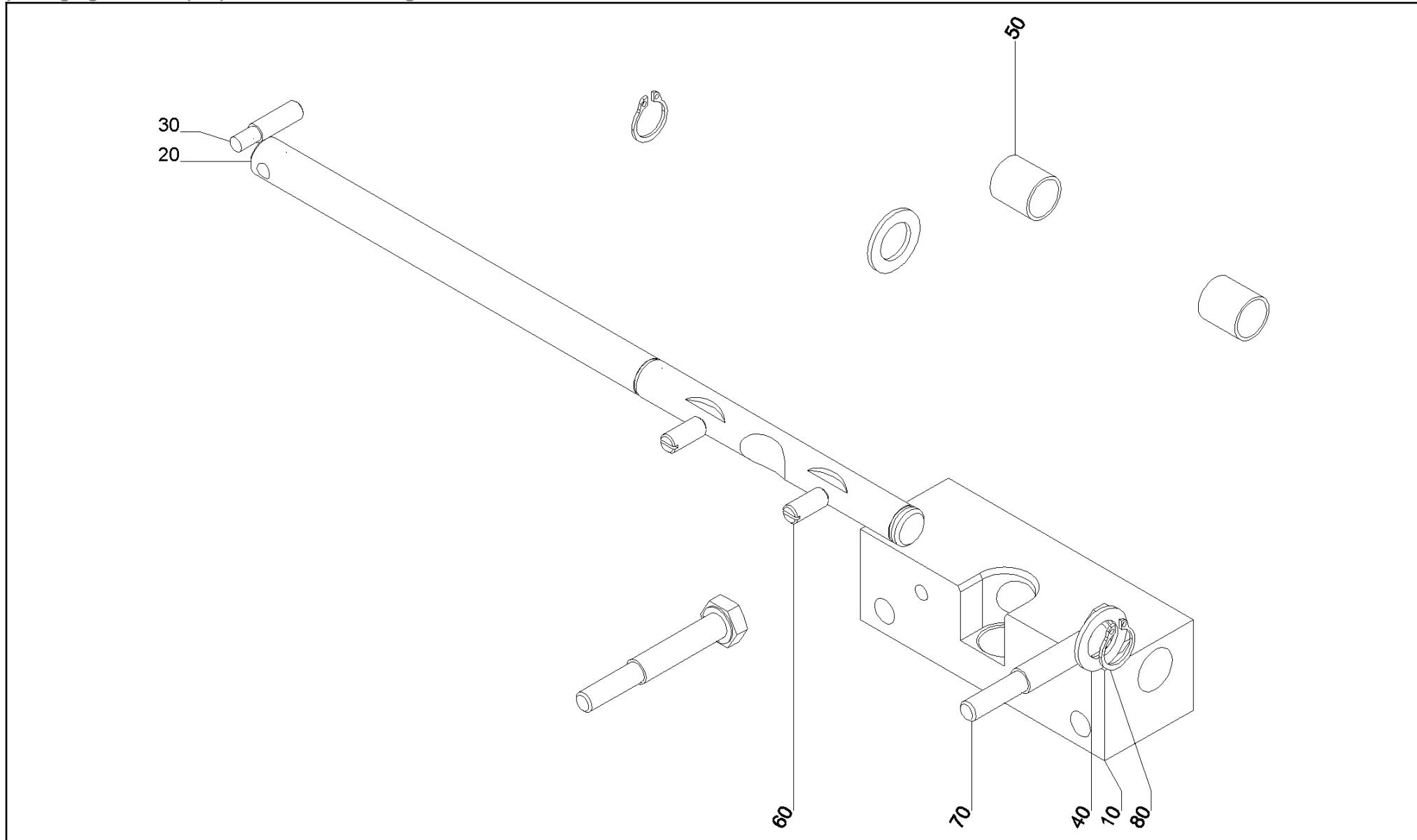
packaging machine (RM)\basic machine\lifting device\bearing



pos	material	document	version	description	quantity	quantity unit	SPC
10	19413312003			collared socket	1,000	PC	1
20	78721025250			slide bearings	1,000	PC	5
30	105645231			distance bushing	1,000	PC	9
40	19717125520			disk	1,000	PC	1
50	75010121803			cylindrical screw	1,000	PC	9

**die lock**  
**106083611**

packaging machine (RM)\basic machine\lifting device\die lock



die lock

106083611

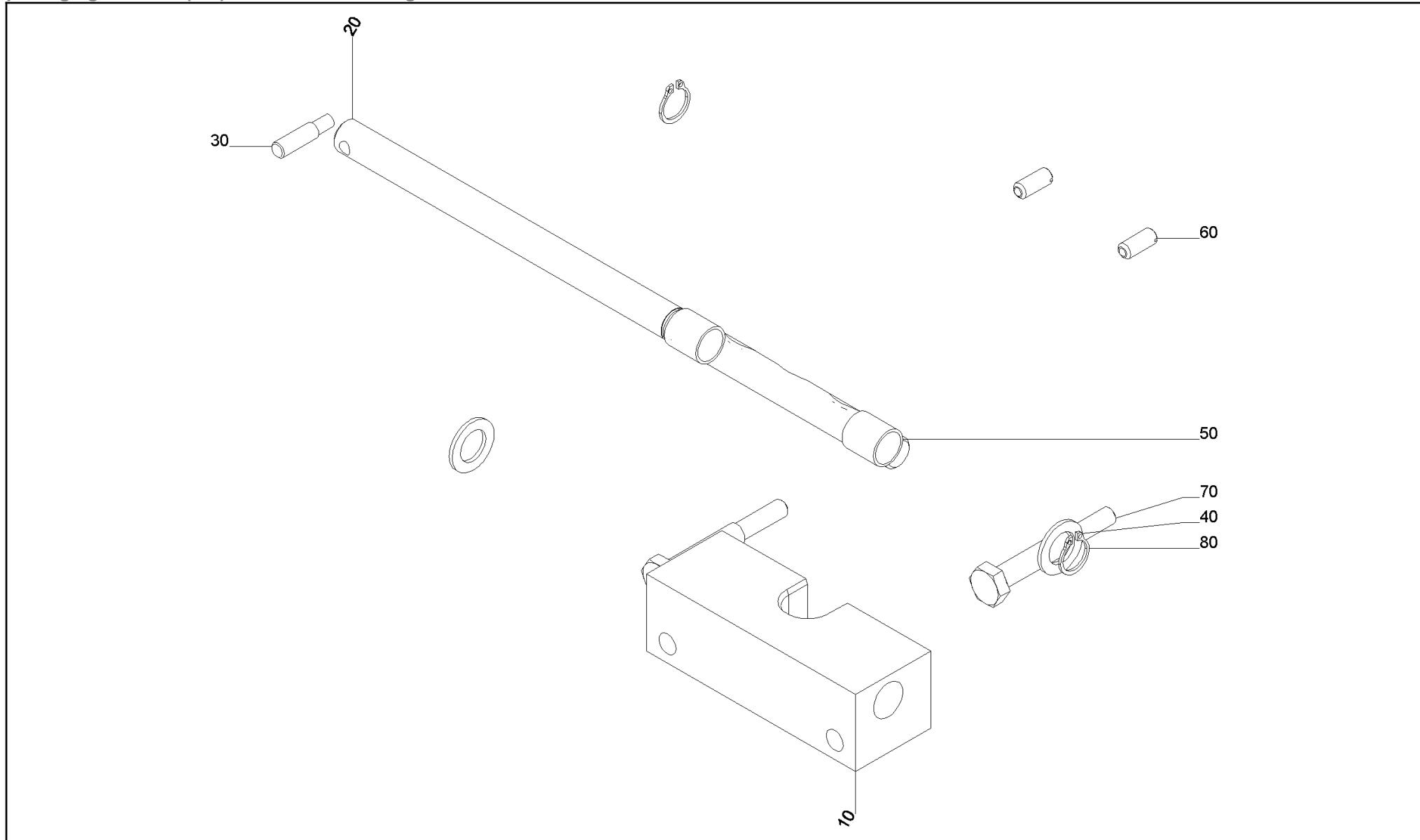
packaging machine (RM)\basic machine\lifting device\die lock



pos	material	document	version	description	quantity	quantity unit	SPC
10	11611257101			guide	1,000	PC	9
20	11611245500			shaft	1,000	PC	9
30	11611246200			stud	1,000	PC	9
40	19717112020			disk	2,000	PC	9
50	78721012151			slide bearings	2,000	PC	5
60	75860000602			pressure piece	2,000	PC	9
70	105971658			hexagon-head bolt	2,000	PC	9
80	78100001202			retaining ring	2,000	PC	9
90	91147512011			adhesive	1,000	PC	C

die lock  
106083698

packaging machine (RM)\basic machine\lifting device\die lock



die lock

106083698

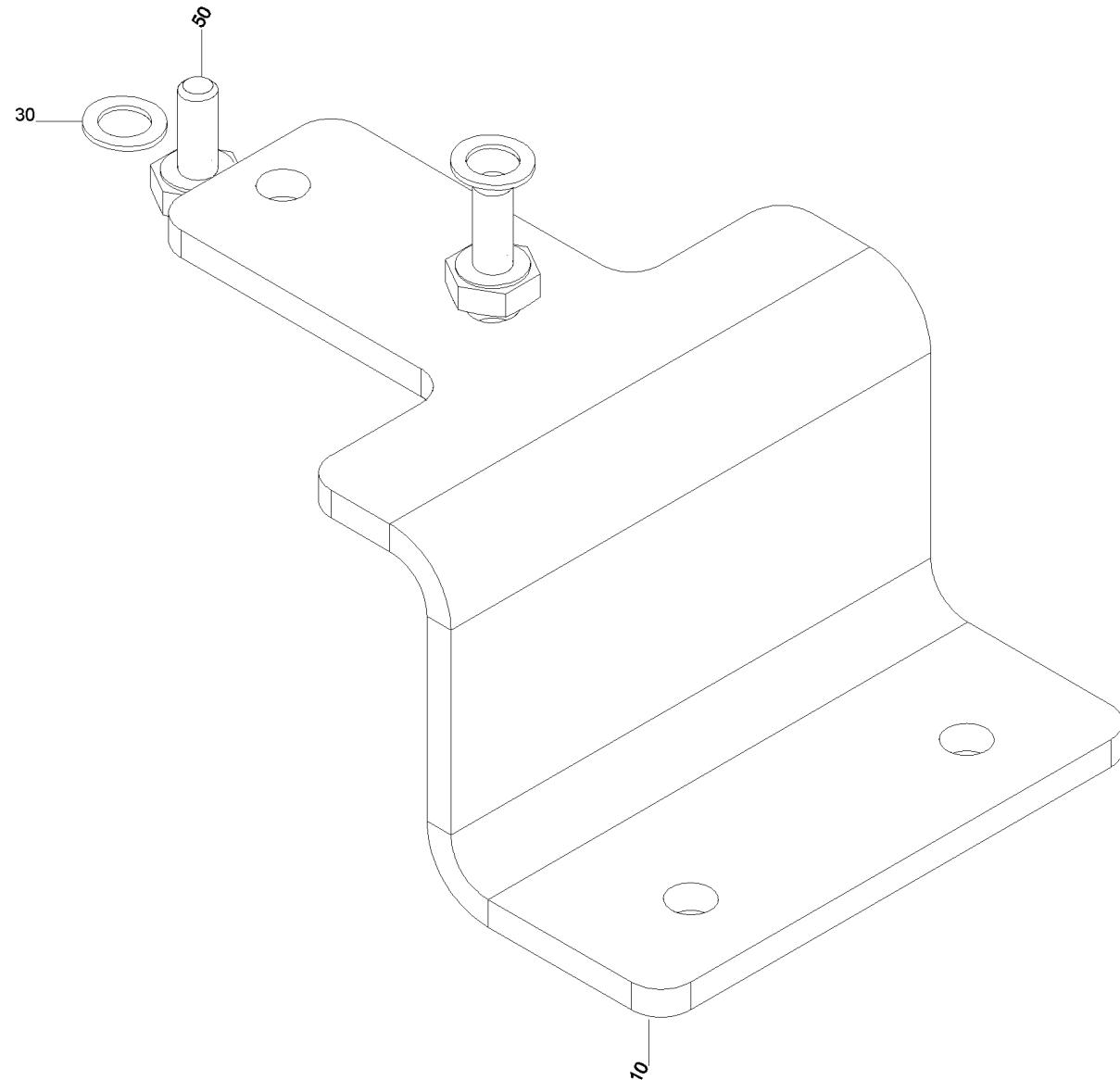
packaging machine (RM)\basic machine\lifting device\die lock



pos	material	document	version	description	quantity	quantity unit	SPC
10	11611257101			guide	1,000	PC	9
20	11611245501			shaft	1,000	PC	9
30	11611246200			stud	1,000	PC	9
40	19717112020			disk	2,000	PC	9
50	78721012151			slide bearings	2,000	PC	5
60	75860000602			pressure piece	2,000	PC	9
70	105971658			hexagon-head bolt	2,000	PC	9
80	78100001202			retaining ring	2,000	PC	9
90	91147512011			adhesive	1,000	PC	C

mounting set  
106983575

packaging machine (RM)\basic machine\lifting device\mounting set



**mounting set**

**106983575**

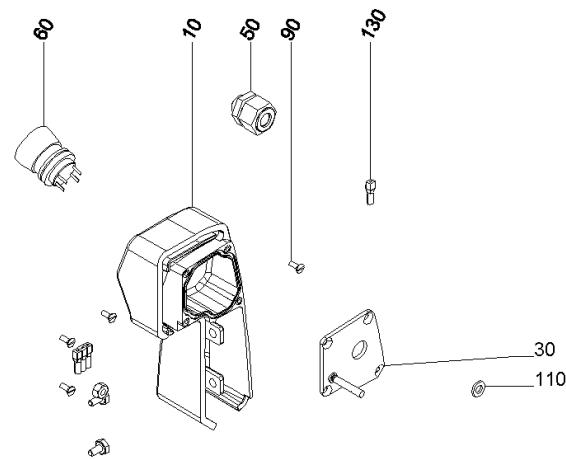
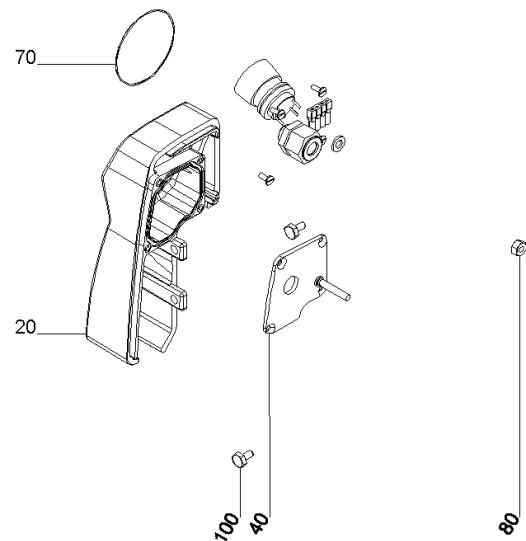
**packaging machine (RM)\basic machine\lifting device\mounting set**



pos	material	document	version	description	quantity	quantity unit	SPC
10	106983329			bracket	1,000	PC	9
30	75210070602			thrust washer	2,000	PC	9
50	75001060902			hexagon-head bolt	2,000	PC	9

end profile  
105558257

packaging machine (RM)\basic machine\end profile



end profile

105558257

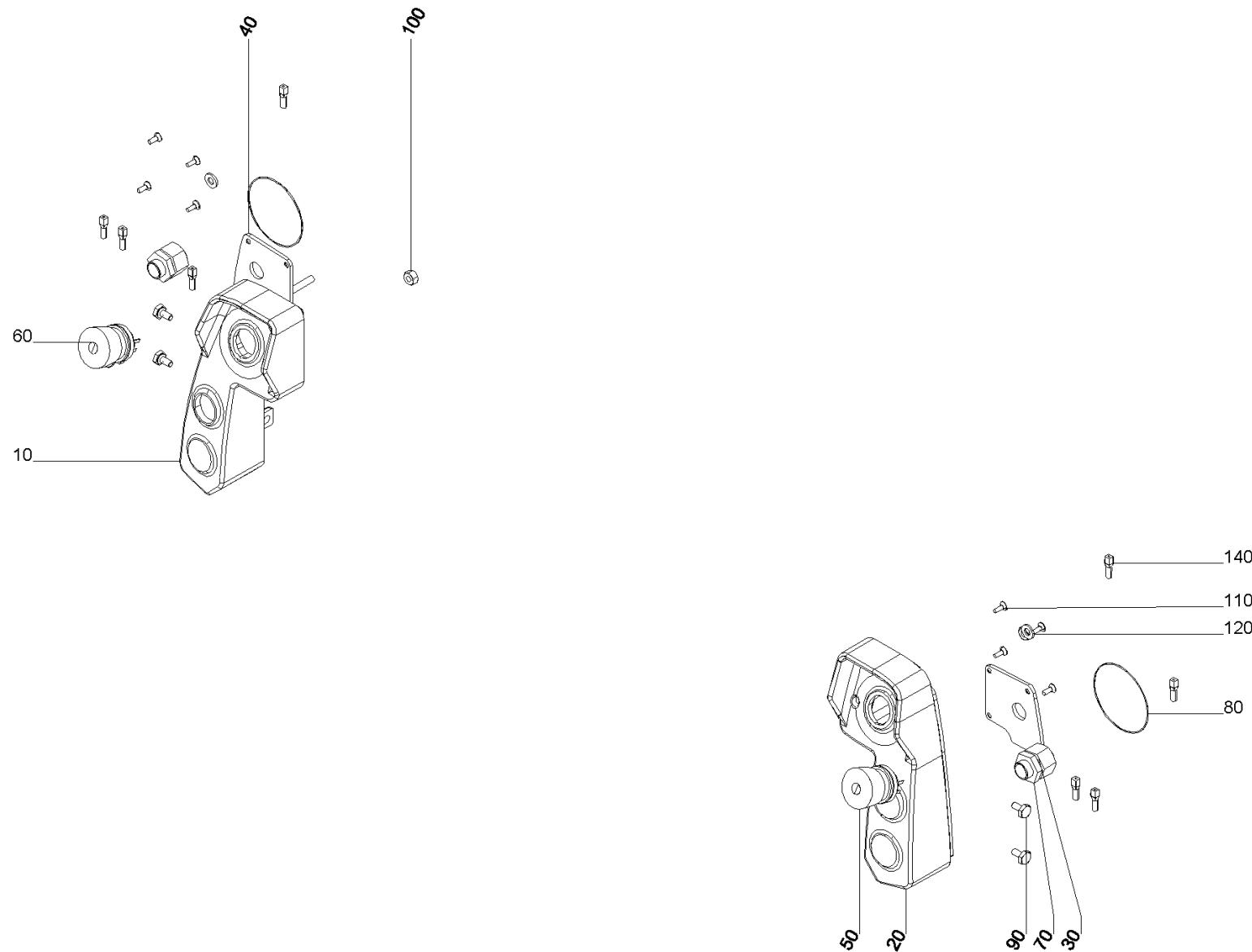
packaging machine (RM)\basic machine\end profile



pos	material	document	version	description	quantity	quantity unit	SPC
10	105558235			end profile	1,000	PC	3
20	105517442			end profile	1,000	PC	3
30	105517477			sheet	1,000	PC	9
40	105517514			sheet	1,000	PC	9
50	85131114911			screwed cable gland	2,000	PC	9
60	105111741			palm button	2,000	PC	5
70	78301056201			o-ring	2,000	PC	1
80	75200000602			hexagon nut	2,000	PC	9
90	75021040802			countersunk flat head screw	8,000	PC	9
100	75001060802			hexagon-head bolt	4,000	PC	9
110	75211010602			disk	2,000	PC	9
120	85219120600			control line	20,000	M	9
130	105092752			receptacle	8,000	PC	9
140	85145130005			heat shrink tube	0,100	M	9

end profile  
105558245

packaging machine (RM)\basic machine\end profile



end profile

105558245

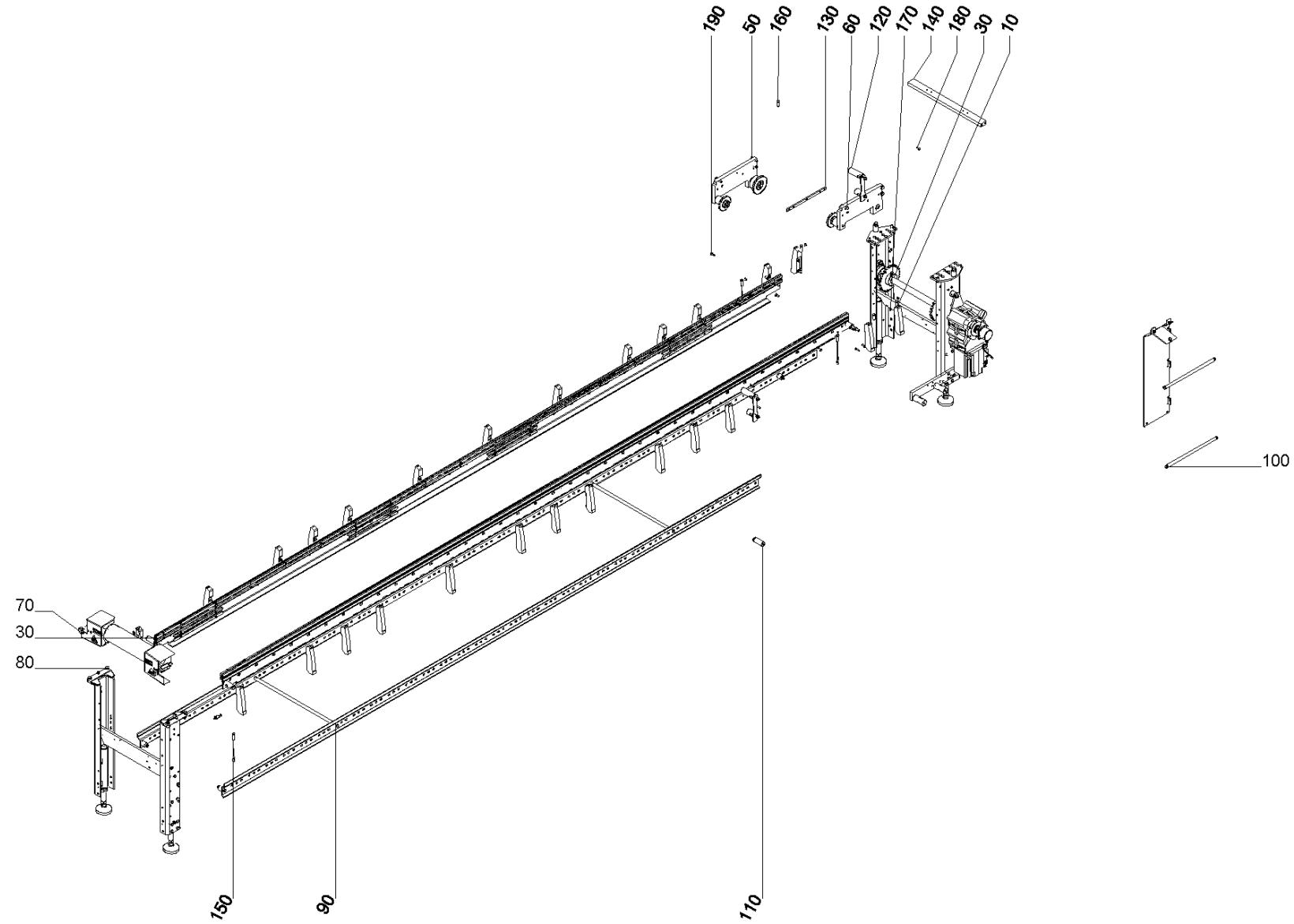
packaging machine (RM)\basic machine\end profile



pos	material	document	version	description	quantity	quantity unit	SPC
10	105517236			end profile	1,000	PC	3
20	105558234			end profile	1,000	PC	3
30	105517514			sheet	1,000	PC	9
40	105517477			sheet	1,000	PC	9
50	105111741			palm button	2,000	PC	5
60	85451115002			piezo key	1,000	PC	5
70	85131114911			screwed cable gland	2,000	PC	9
80	78301056201			o-ring	2,000	PC	1
90	75001060802			hexagon-head bolt	4,000	PC	9
100	75200000602			hexagon nut	2,000	PC	9
110	75021040802			countersunk flat head screw	8,000	PC	9
120	75211010602			disk	2,000	PC	9
130	85219120600			control line	20,000	M	9
140	105092752			receptacle	8,000	PC	9
150	85145130005			heat shrink tube	0,100	M	9

Machine stand  
108372946

packaging machine (RM)\basic machine\Machine stand



**Machine stand**

108372946

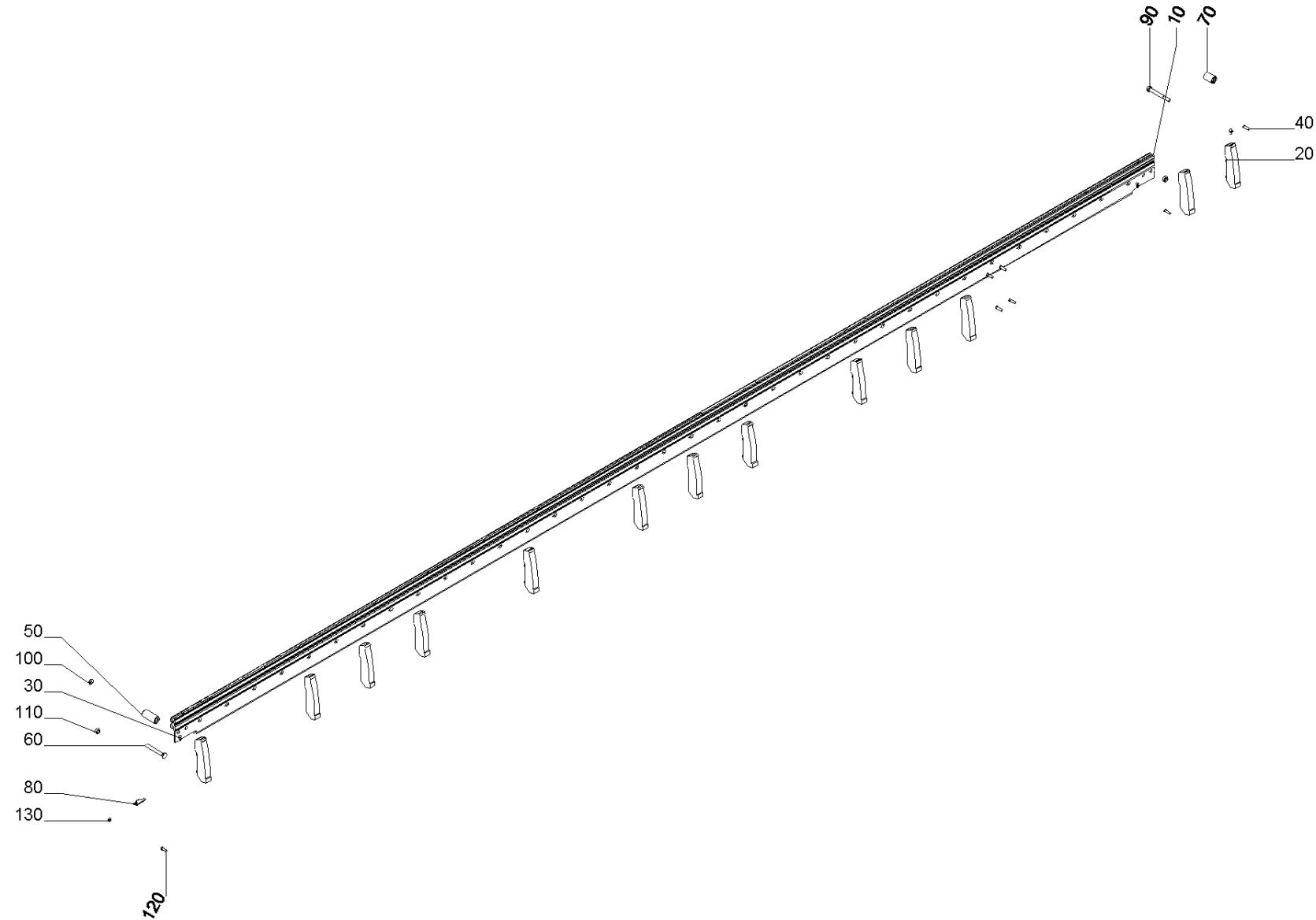
packaging machine (RM)\basic machine\Machine stand



pos	material	document	version	description	quantity	quantity unit	SPC
10	107923879	16000555546	0	side section	1,000	PC	9
30	106713517	16000259983	A	drive	1,000	PC	9
30	107923880	16000555549	0	side section	1,000	PC	9
50	106267446	16000176687	A	return chain sprocket	1,000	PC	9
60	106267447	16000176688	A	return chain sprocket	1,000	PC	9
70	106645491	16000244152	B	return chain sprocket	1,000	PC	9
80	106713671	16000260073	A	foot	1,000	PC	9
90	105723032	16000123821	B	section	1,000	PC	N
100	105797002	16000058992	B	side panel	1,000	PC	9
110	105771900			stud	1,000	PC	9
120	105828729			mounting set	2,000	PC	N
130	105752633			sheet	1,000	PC	9
140	105520643			cross-arm	1,000	PC	9
150	105778984			magnetic reed switch	6,000	PC	5
160	85463101300			empty housing	2,000	PC	9
170	75211010602			disk	2,000	PC	9
180	75001060916			hexagon-head bolt	2,000	PC	9
190	75001081116			hexagon-head bolt	4,000	PC	9

side section  
107923879

packaging machine (RM)\basic machine\Machine stand\side section



side section

107923879

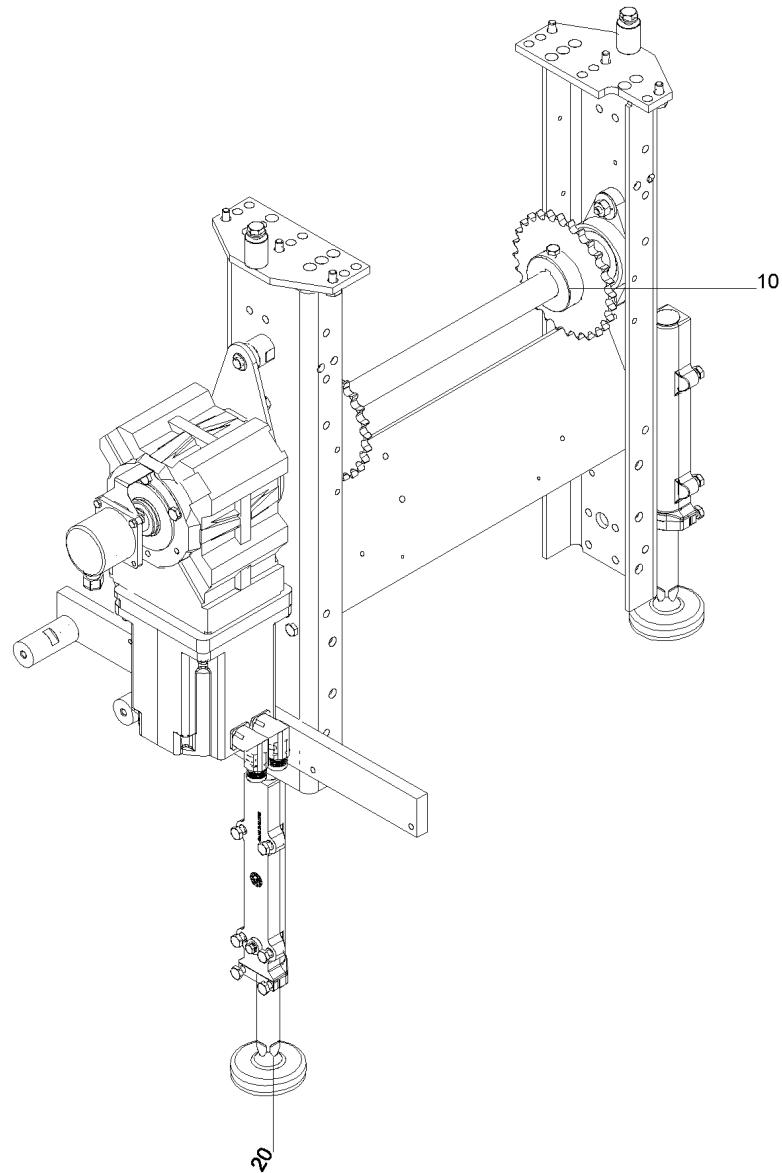
packaging machine (RM)\basic machine\Machine stand\side section



pos	material	document	version	description	quantity	quantity unit	SPC
10	105722704			chain guide	1,000	PC	9
20	105485782			cable holder	13,000	PC	N
30	101797145			cap nut bolt	3,000	PC	9
40	101690042			threaded bolt	6,000	PC	9
50	105550550			distance bushing	1,000	PC	9
60	105696599			flat-head bolt	1,000	PC	9
70	105710470			distance bushing	1,000	PC	9
80	106705039			bracket	1,000	PC	9
90	75000102902			hexagon-head bolt	1,000	PC	9
100	75211011002			disk	1,000	PC	9
110	75200001002			hexagon nut	2,000	PC	9
120	75001061116			hexagon-head bolt	1,000	PC	9
130	75200000602			hexagon nut	1,000	PC	9

drive  
106713517

packaging machine (RM)\basic machine\Machine stand\drive



drive

106713517

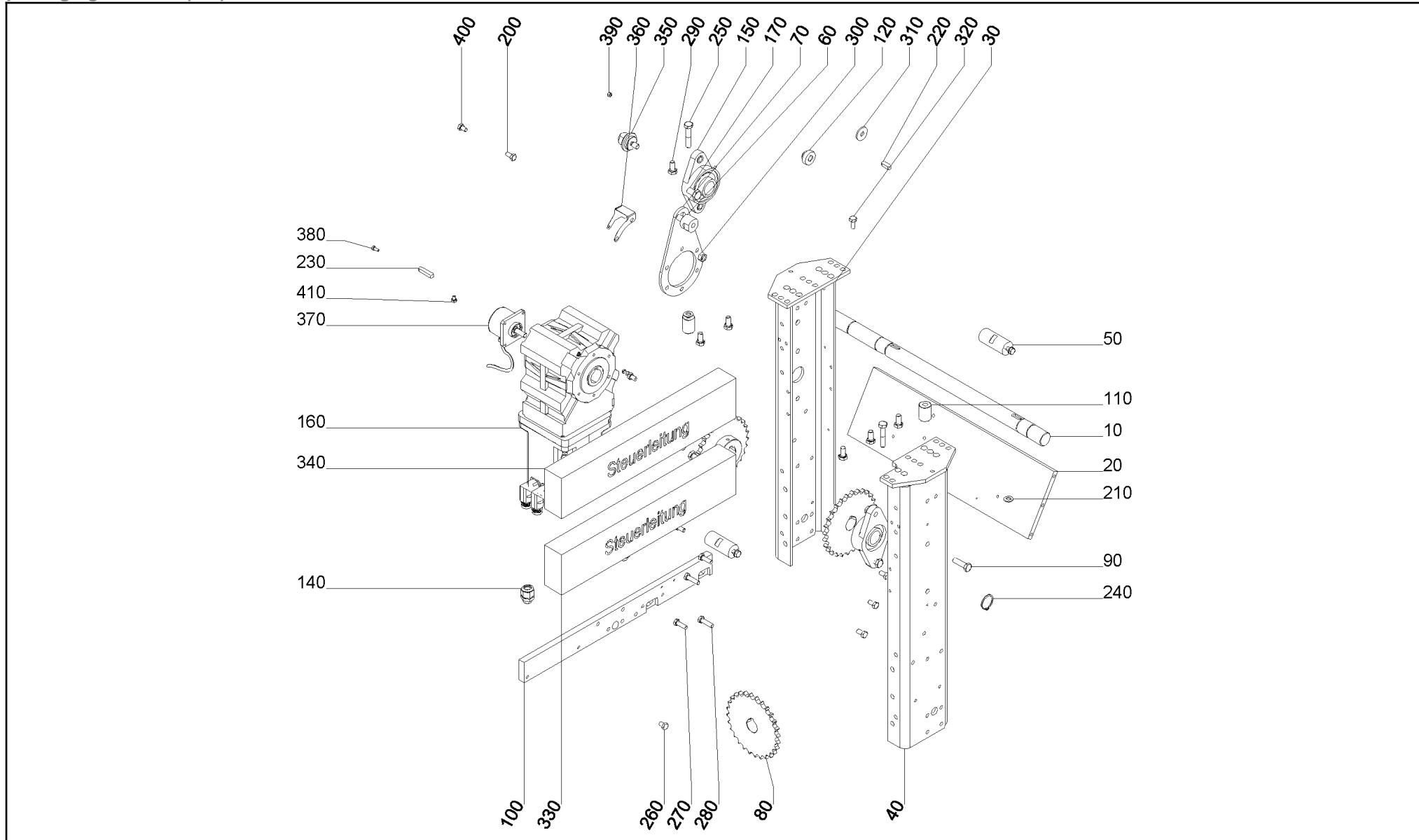
packaging machine (RM)\basic machine\Machine stand\drive



pos	material	document	version	description	quantity	quantity unit	SPC
10	106395825	16000181917	F	drive	1,000	PC	9
20	106458700	16000202974	B	foot	2,000	PC	9

drive  
106395825

packaging machine (RM)\basic machine\Machine stand\drive\drive



drive

106395825

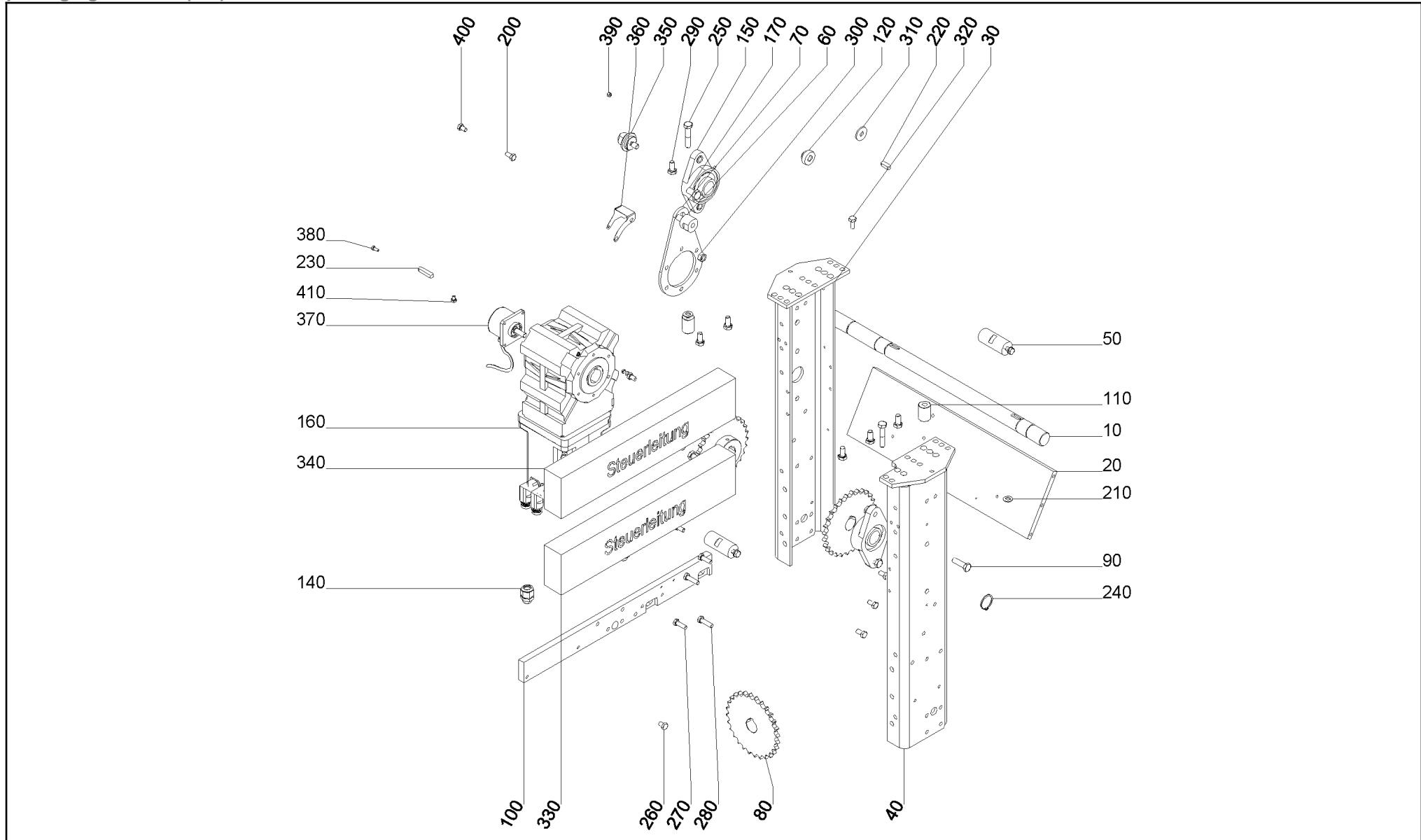
packaging machine (RM)\basic machine\Machine stand\drive\drive



pos	material	document	version	description	quantity	quantity unit	SPC
10	106217611			shaft	1,000	PC	9
20	105520680			brace	1,000	PC	9
30	105641163			foot	1,000	PC	9
40	105641168			foot	1,000	PC	9
50	106539390			stud	2,000	PC	9
60	105822623			stud	1,000	PC	9
70	106199946			sheet	1,000	PC	9
80	106750134			chain wheel	2,000	PC	9
90	75001101802			hexagon-head bolt	4,000	PC	9
100	106539339			bar	1,000	PC	9
110	105422449			distance bushing	2,000	PC	9
120	105157538			female connector	1,000	PC	9
140	85131114912			screwed cable gland	2,000	PC	9
150	105072766			flange bearing	2,000	PC	N
160	106039728			servo motor	1,000	PC	5
170	75001121316			hexagon-head bolt	1,000	PC	9
200	75001081116			hexagon-head bolt	12,000	PC	9
210	75211011002			disk	2,000	PC	9
220	75375081030			spline	2,000	PC	9
230	75375081430			spline	1,000	PC	9
240	78100003002			retaining ring	3,000	PC	9
250	75000102116			hexagon-head bolt	2,000	PC	9
260	75001080917			hexagon-head bolt	1,000	PC	9
270	75001081516			hexagon-head bolt	2,000	PC	9
280	75001081716			hexagon-head bolt	2,000	PC	9
290	75001101316			hexagon-head bolt	6,000	PC	9
300	75200001002			hexagon nut	4,000	PC	9
310	75211031002			disk	4,000	PC	9
320	75001081317			hexagon-head bolt	2,000	PC	9
330	85219050064			control line	1,000	M	9

drive  
106395825

packaging machine (RM)\basic machine\Machine stand\drive\drive



drive

106395825

packaging machine (RM)\basic machine\Machine stand\drive\drive

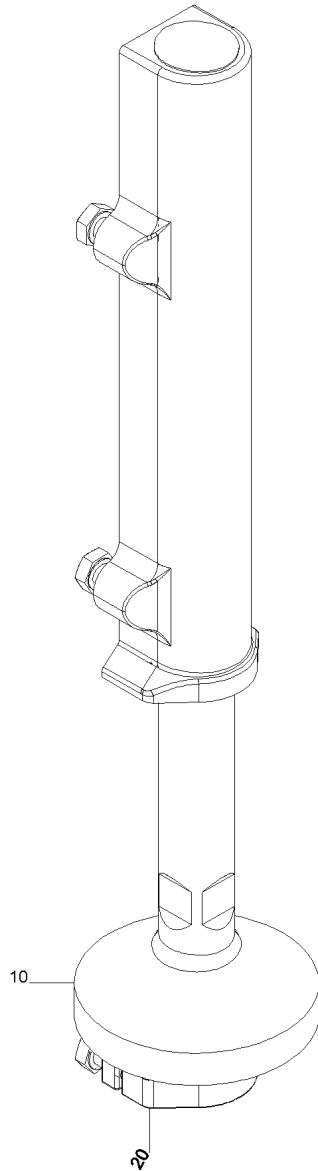


pos	material	document	version	description	quantity	quantity unit	SPC
340	85219050053			control line	1,000	M	9
350	106265932			stud	1,000	PC	9
360	106266065			sheet	1,000	PC	9
370	107557278			rotary shaft encoder	1,000	PC	3
380	75001050902			hexagon-head bolt	2,000	PC	9
390	75200000502			hexagon nut	2,000	PC	9
400	75001080902			hexagon-head bolt	2,000	PC	9
410	75001060602			hexagon-head bolt	1,000	PC	9

foot

106458700

packaging machine (RM)\basic machine\Machine stand\drive\foot



foot

106458700

packaging machine (RM)\basic machine\Machine stand\drive\foot

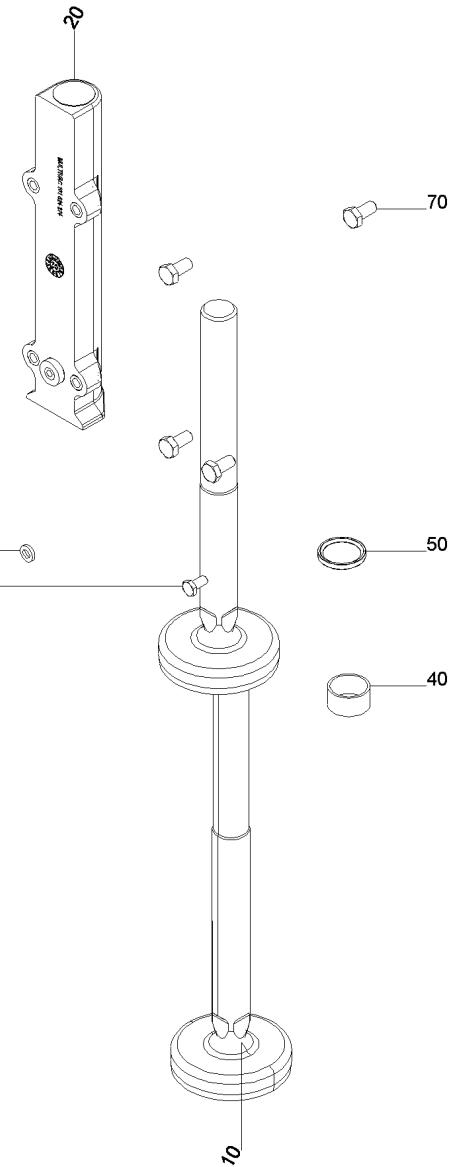


pos	material	document	version	description	quantity	quantity unit	SPC
10	106458696	16000202973	B	foot	1,000	PC	9
20	106153587	16000620466	A	mount	1,000	PC	9

foot

106458696

packaging machine (RM)\basic machine\Machine stand\drive\foot\foot



foot

106458696

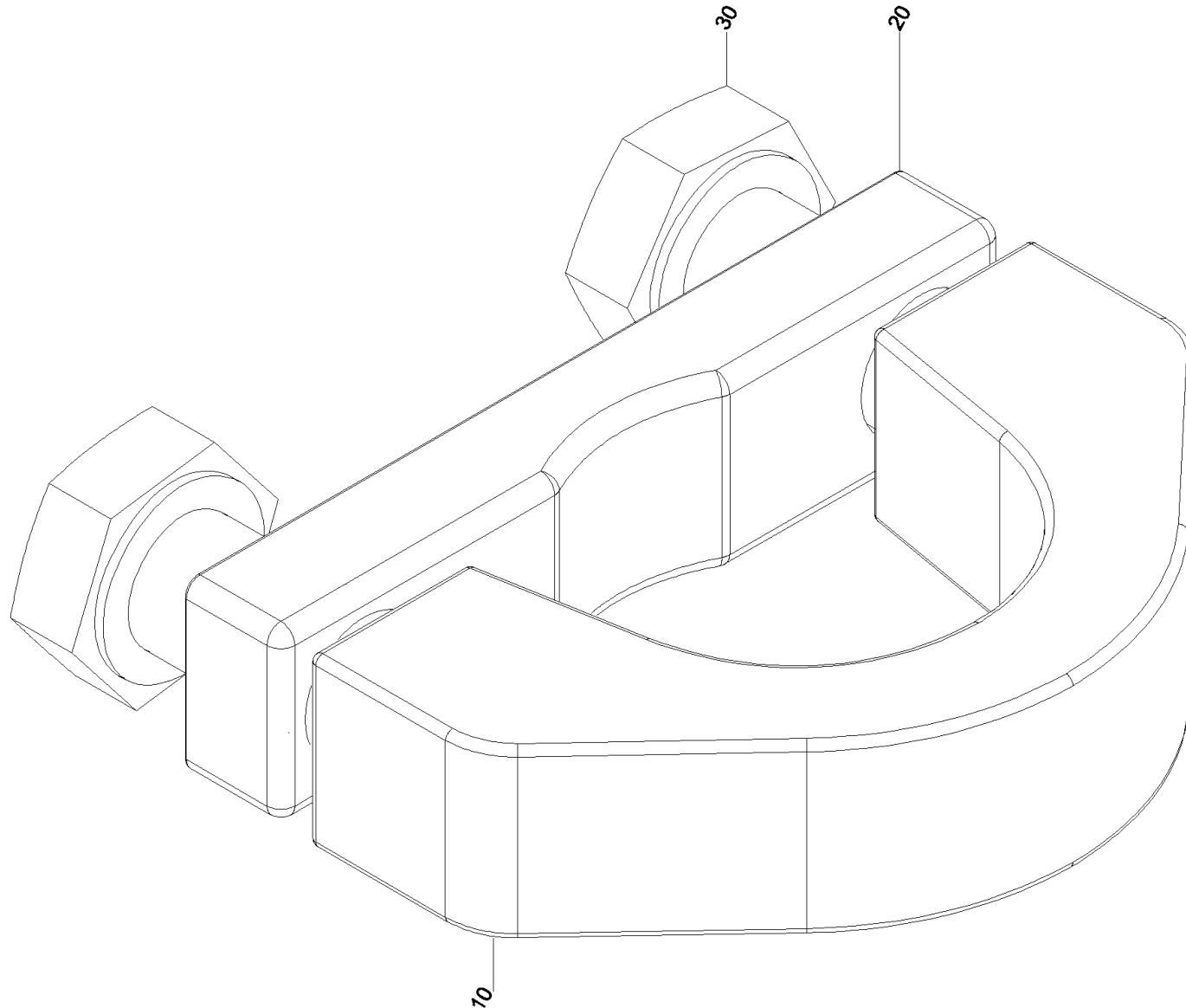
packaging machine (RM)\basic machine\Machine stand\drive\foot\foot



pos	material	document	version	description	quantity	quantity unit	SPC
10	108090137			machine foot	1,000	PC	9
20	101624274			mount	1,000	PC	9
30	101676250			disk	1,000	PC	9
40	78721025150			slide bearings	1,000	PC	3
50	78351025301			radial packing ring	1,000	PC	9
60	75001060902			hexagon-head bolt	1,000	PC	9
70	75001081102			hexagon-head bolt	4,000	PC	9

mount  
106153587

packaging machine (RM)\basic machine\Machine stand\drive\foot\mount



mount

106153587

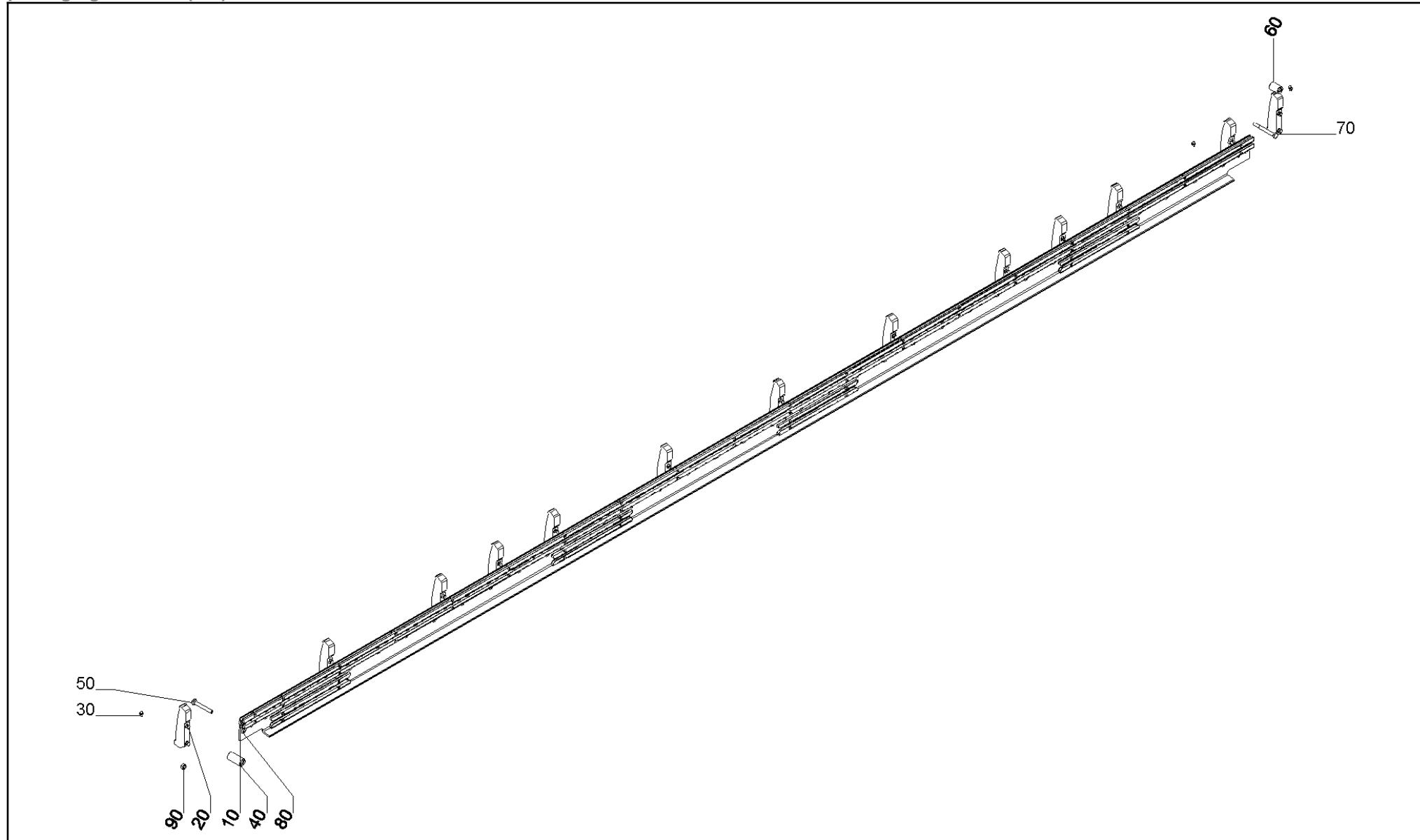
packaging machine (RM)\basic machine\Machine stand\drive\foot\mount



pos	material	document	version	description	quantity	quantity unit	SPC
10	106014902			clamping piece	1,000	PC	9
20	106014881			bar	1,000	PC	9
30	75001081502			hexagon-head bolt	2,000	PC	9

side section  
107923880

packaging machine (RM)\basic machine\Machine stand\side section



side section

107923880

packaging machine (RM)\basic machine\Machine stand\side section

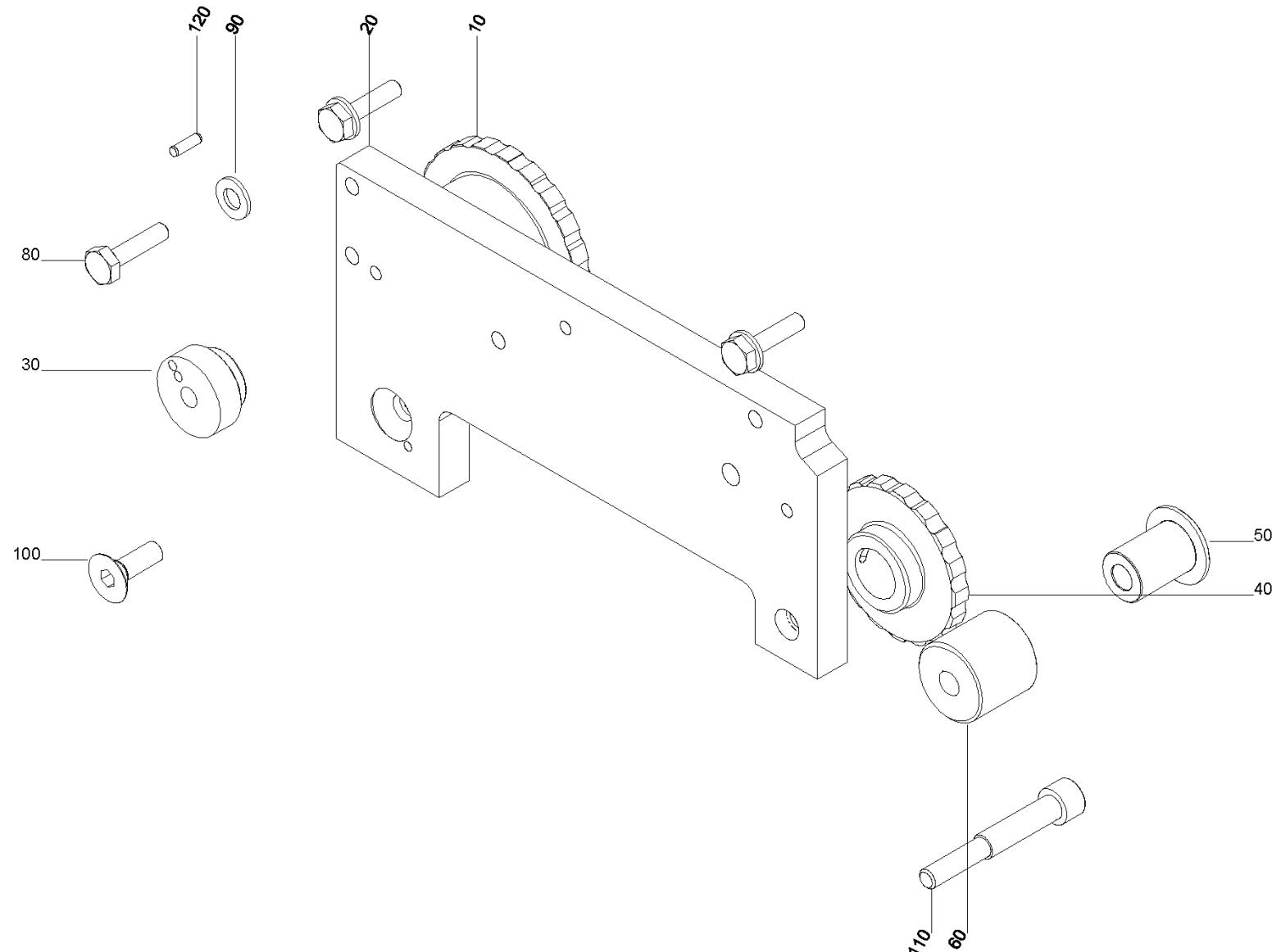


pos	material	document	version	description	quantity	quantity unit	SPC
10	105722898			chain guide	1,000	PC	9
20	105485782			cable holder	13,000	PC	N
30	101797145			cap nut bolt	3,000	PC	9
40	105550550			distance bushing	1,000	PC	9
50	105710587			flat-head bolt	1,000	PC	9
60	105710470			distance bushing	1,000	PC	9
70	75000102902			hexagon-head bolt	1,000	PC	9
80	75211011002			disk	1,000	PC	9
90	75200001002			hexagon nut	2,000	PC	9

return chain sprocket

106267446

packaging machine (RM)\basic machine\Machine stand\return chain sprocket



return chain sprocket

106267446

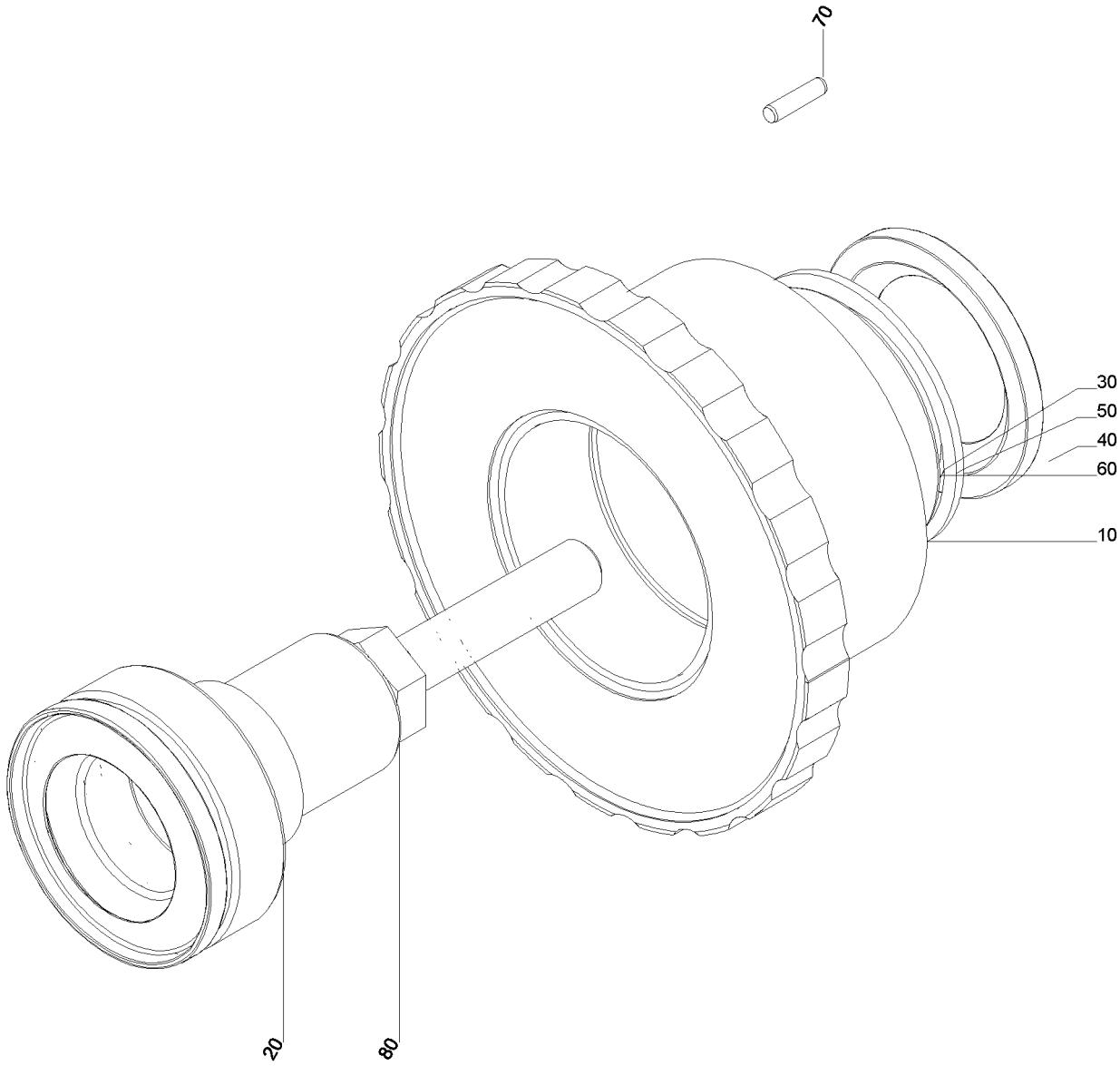
packaging machine (RM)\basic machine\Machine stand\return chain sprocket



pos	material	document	version	description	quantity	quantity unit	SPC
10	105509597	16000036491	A	chain wheel	1,000	PC	9
20	105628820			plate	1,000	PC	9
30	105631343			bearing pin	1,000	PC	9
40	11638011851			chain deflection roller	1,000	PC	5
50	19413312003			collared socket	1,000	PC	1
60	105745670			female connector	1,000	PC	9
80	75001101802			hexagon-head bolt	3,000	PC	9
90	75211011002			disk	3,000	PC	9
100	75020121702			countersunk flat head screw	1,000	PC	9
110	75010122702			cylindrical screw	1,000	PC	9
120	75301051000			straight pin	1,000	PC	9

chain wheel  
105509597

packaging machine (RM)\basic machine\Machine stand\return chain sprocket\chain wheel



**chain wheel**

**105509597**

**packaging machine (RM)\basic machine\Machine stand\return chain sprocket\chain wheel**

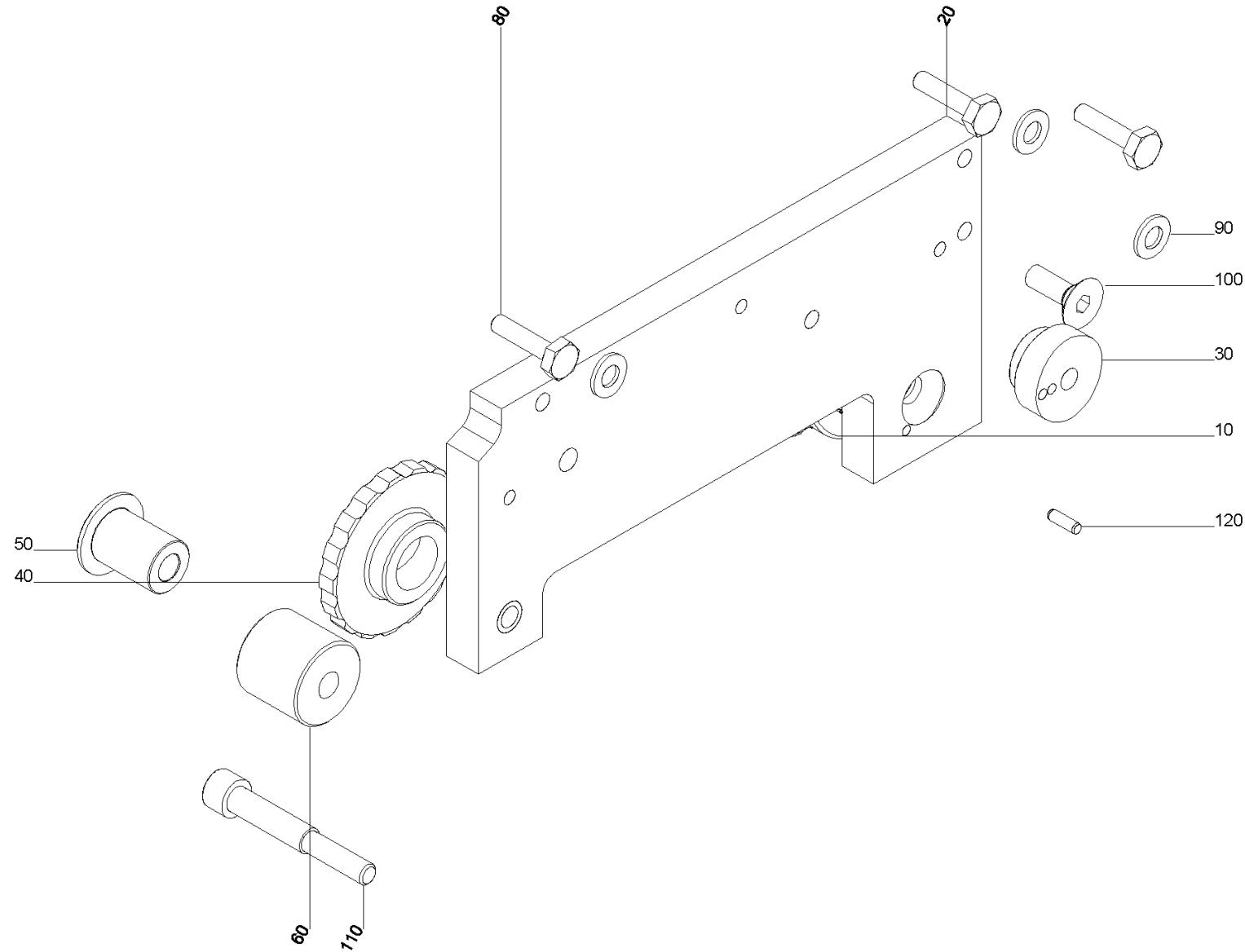


pos	material	document	version	description	quantity	quantity unit	SPC
10	107157028			chain wheel	1,000	PC	9
20	105509598			bearing pin	1,000	PC	9
30	19431125250			spacer ring	1,000	PC	9
40	78351030500			radial packing ring	2,000	PC	9
50	78100104702			retaining ring	1,000	PC	9
60	78500030504			radial deep groove ball bearing	2,000	PC	1
70	75301030800			straight pin	1,000	PC	9
80	75001122016			hexagon-head bolt	1,000	PC	9

return chain sprocket

106267447

packaging machine (RM)\basic machine\Machine stand\return chain sprocket



return chain sprocket

106267447

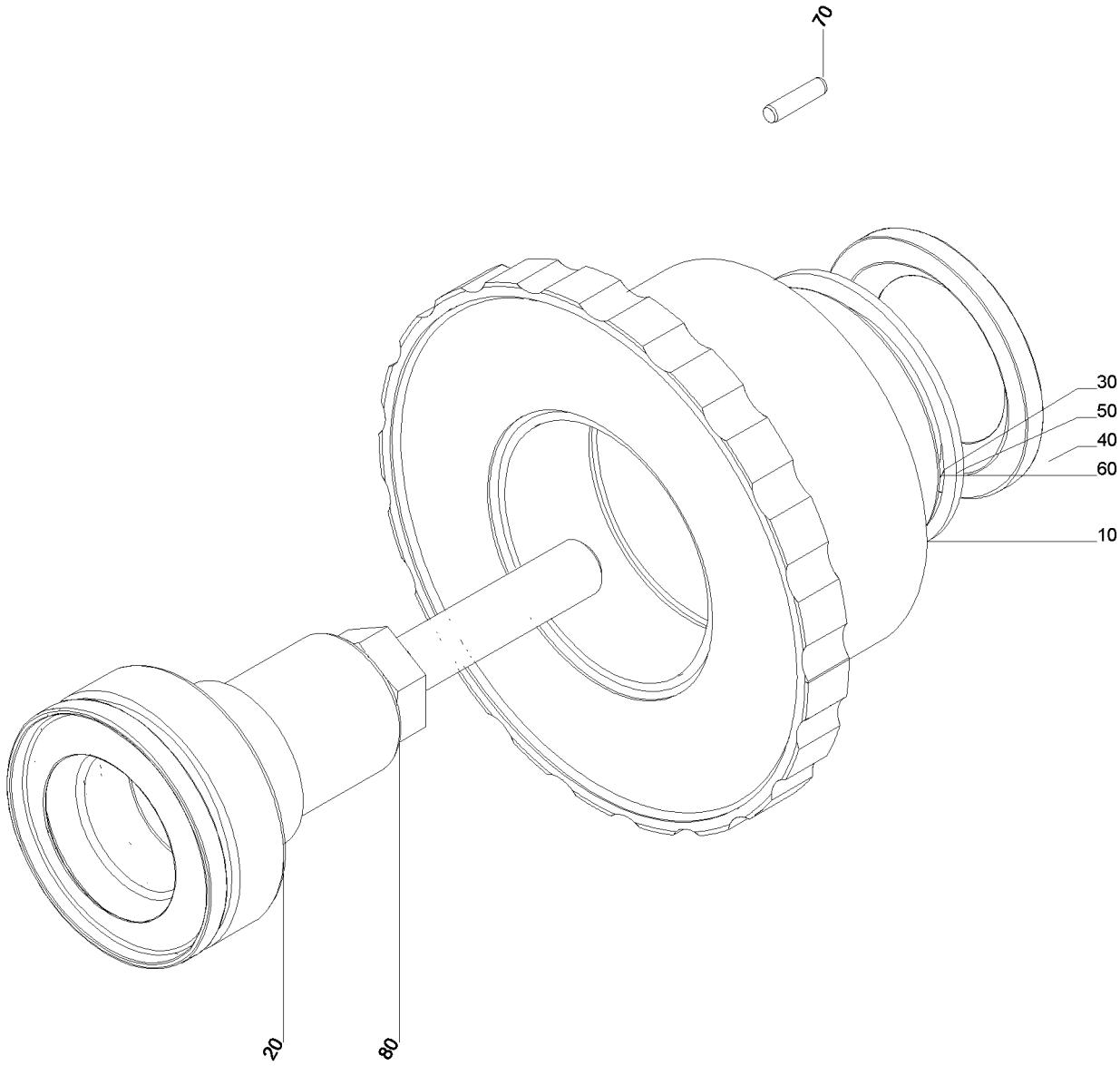
packaging machine (RM)\basic machine\Machine stand\return chain sprocket



pos	material	document	version	description	quantity	quantity unit	SPC
10	105509597	16000036491	A	chain wheel	1,000	PC	9
20	105628820			plate	1,000	PC	9
30	105631343			bearing pin	1,000	PC	9
40	11638011851			chain deflection roller	1,000	PC	5
50	19413312003			collared socket	1,000	PC	1
60	105745670			female connector	1,000	PC	9
80	75001101802			hexagon-head bolt	3,000	PC	9
90	75211011002			disk	3,000	PC	9
100	75020121702			countersunk flat head screw	1,000	PC	9
110	75010122702			cylindrical screw	1,000	PC	9
120	75301051000			straight pin	1,000	PC	9

chain wheel  
105509597

packaging machine (RM)\basic machine\Machine stand\return chain sprocket\chain wheel



**chain wheel**

**105509597**

**packaging machine (RM)\basic machine\Machine stand\return chain sprocket\chain wheel**

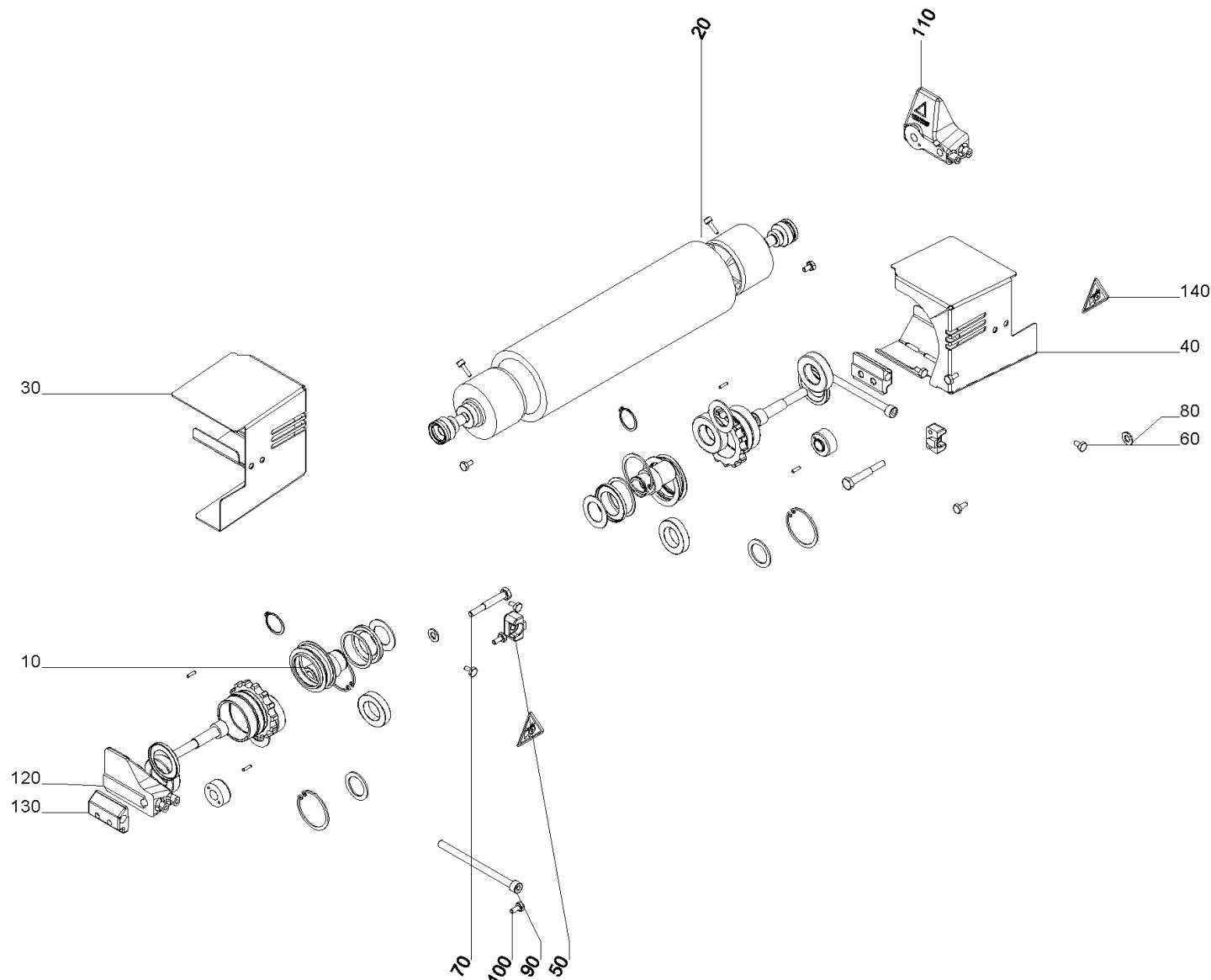


pos	material	document	version	description	quantity	quantity unit	SPC
10	107157028			chain wheel	1,000	PC	9
20	105509598			bearing pin	1,000	PC	9
30	19431125250			spacer ring	1,000	PC	9
40	78351030500			radial packing ring	2,000	PC	9
50	78100104702			retaining ring	1,000	PC	9
60	78500030504			radial deep groove ball bearing	2,000	PC	1
70	75301030800			straight pin	1,000	PC	9
80	75001122016			hexagon-head bolt	1,000	PC	9

return chain sprocket

106645491

packaging machine (RM)\basic machine\Machine stand\return chain sprocket



return chain sprocket

106645491

packaging machine (RM)\basic machine\Machine stand\return chain sprocket

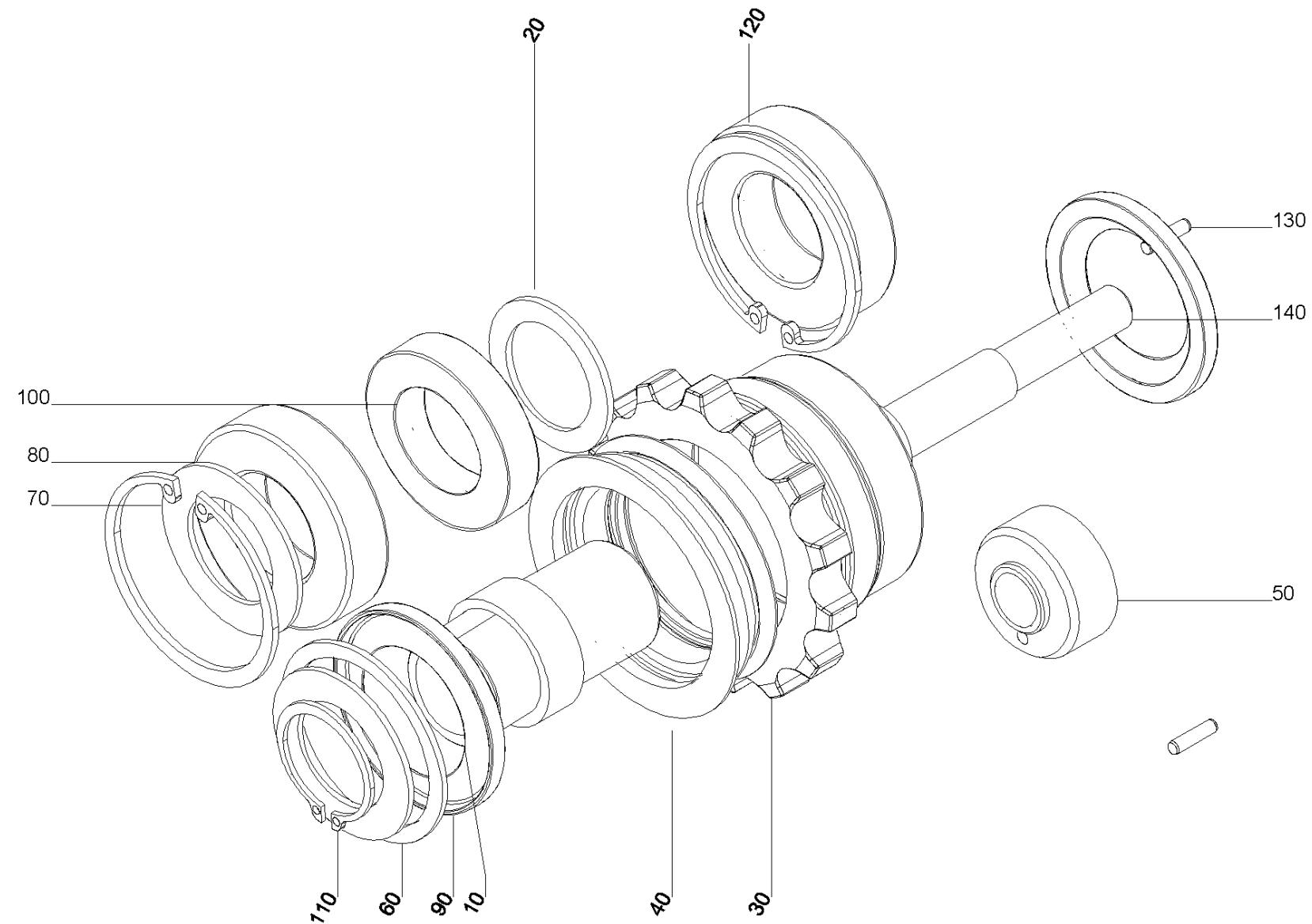


pos	material	document	version	description	quantity	quantity unit	SPC
10	106645371	16000244129	A	chain deflection roller	2,000	PC	9
20	19298100308			reel	1,000	PC	9
30	105976004			safety cover	1,000	PC	9
40	105970252			safety cover	1,000	PC	9
50	105551948			mount	2,000	PC	9
60	75001060816			hexagon-head bolt	4,000	PC	9
70	105971658			hexagon-head bolt	2,000	PC	9
80	75211010802			disk	2,000	PC	9
90	105438872			cylindrical screw	2,000	PC	9
100	75001060916			hexagon-head bolt	4,000	PC	9
110	105870068			bar	1,000	PC	9
120	105926237			bar	1,000	PC	9
130	105869886			pressure plate	2,000	PC	9
140	106406145			warning sign	2,000	PC	5

chain deflection roller

106645371

packaging machine (RM)\basic machine\Machine stand\return chain sprocket\chain deflection roller



**chain deflection roller**

**106645371**

**packaging machine (RM)\basic machine\Machine stand\return chain sprocket\chain deflection roller**

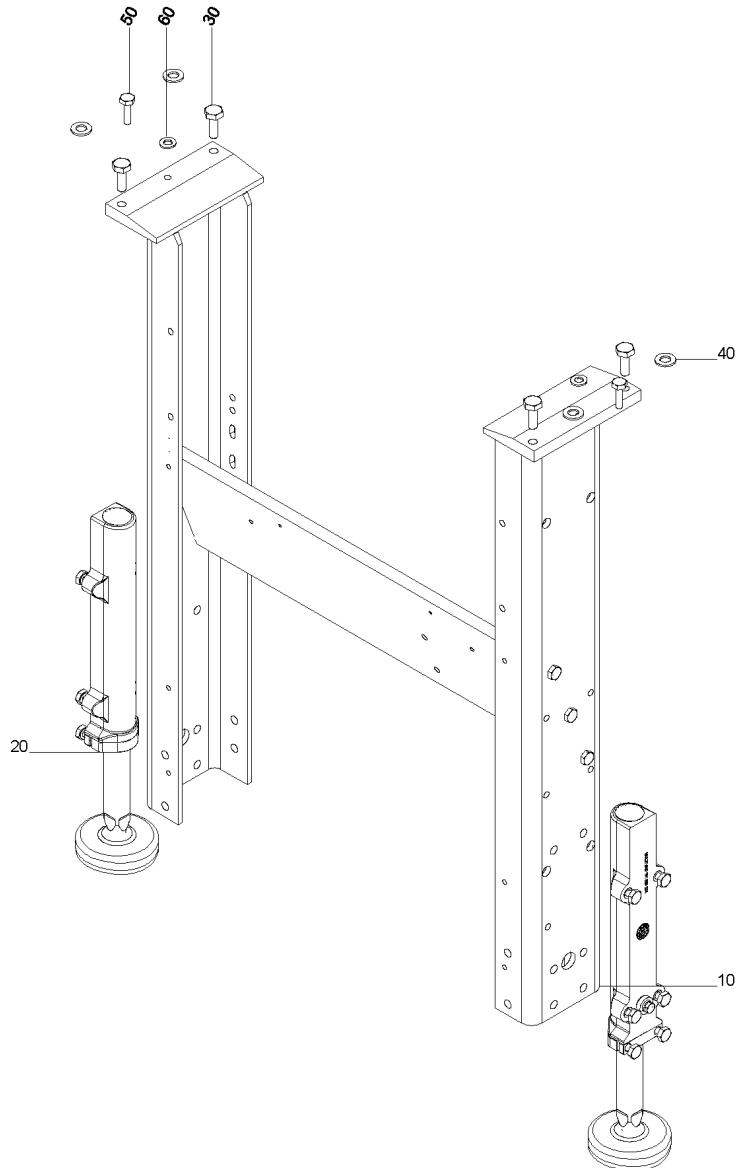


pos	material	document	version	description	quantity	quantity unit	SPC
10	11638045101			bearing pin	1,000	PC	9
20	19431125250			spacer ring	1,000	PC	9
30	106388125			chain deflection roller	1,000	PC	9
40	11638031202			starting disk	1,000	PC	9
50	11638035400			adapter	1,000	PC	9
60	19717140340			disk	1,000	PC	9
70	19717125620			disk	2,000	PC	9
80	78500030504			radial deep groove ball bearing	2,000	PC	1
90	78351030500			radial packing ring	2,000	PC	9
100	78501070505			radial deep groove ball bearing	1,000	PC	1
110	78100002502			retaining ring	1,000	PC	9
120	78100104702			retaining ring	2,000	PC	9
130	75301030800			straight pin	2,000	PC	9
140	75010122502			cylindrical screw	1,000	PC	9

foot

106713671

packaging machine (RM)\basic machine\Machine stand\foot



foot

106713671

packaging machine (RM)\basic machine\Machine stand\foot

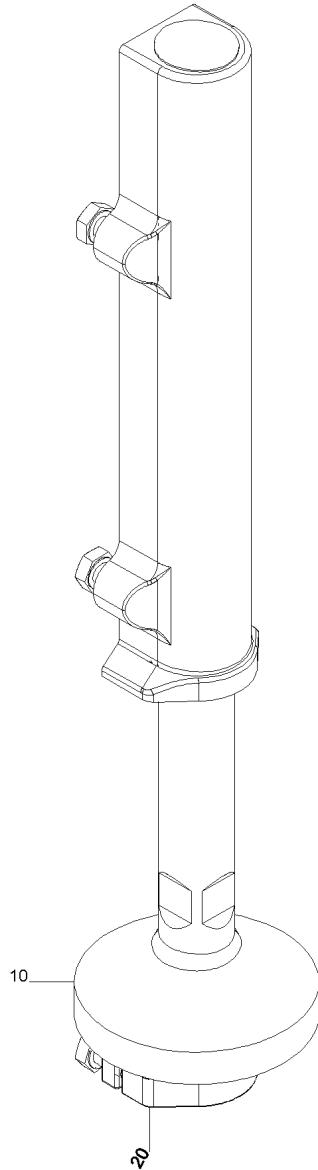


pos	material	document	version	description	quantity	quantity unit	SPC
10	105641156			foot	1,000	PC	9
20	106458700	16000202974	B	foot	2,000	PC	9
30	75001101516			hexagon-head bolt	4,000	PC	9
40	75211011002			disk	4,000	PC	9
50	75001081516			hexagon-head bolt	2,000	PC	9
60	75211010802			disk	2,000	PC	9

foot

106458700

packaging machine (RM)\basic machine\Machine stand\foot\foot



foot

106458700

packaging machine (RM)\basic machine\Machine stand\foot\foot

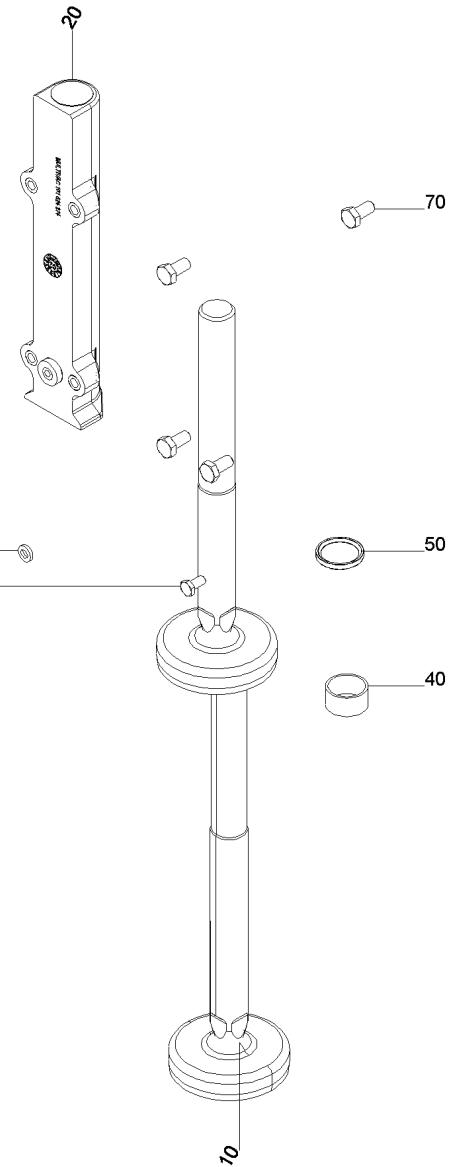


pos	material	document	version	description	quantity	quantity unit	SPC
10	106458696	16000202973	B	foot	1,000	PC	9
20	106153587	16000620466	A	mount	1,000	PC	9

foot

106458696

packaging machine (RM)\basic machine\Machine stand\foot\foot\foot



foot

106458696

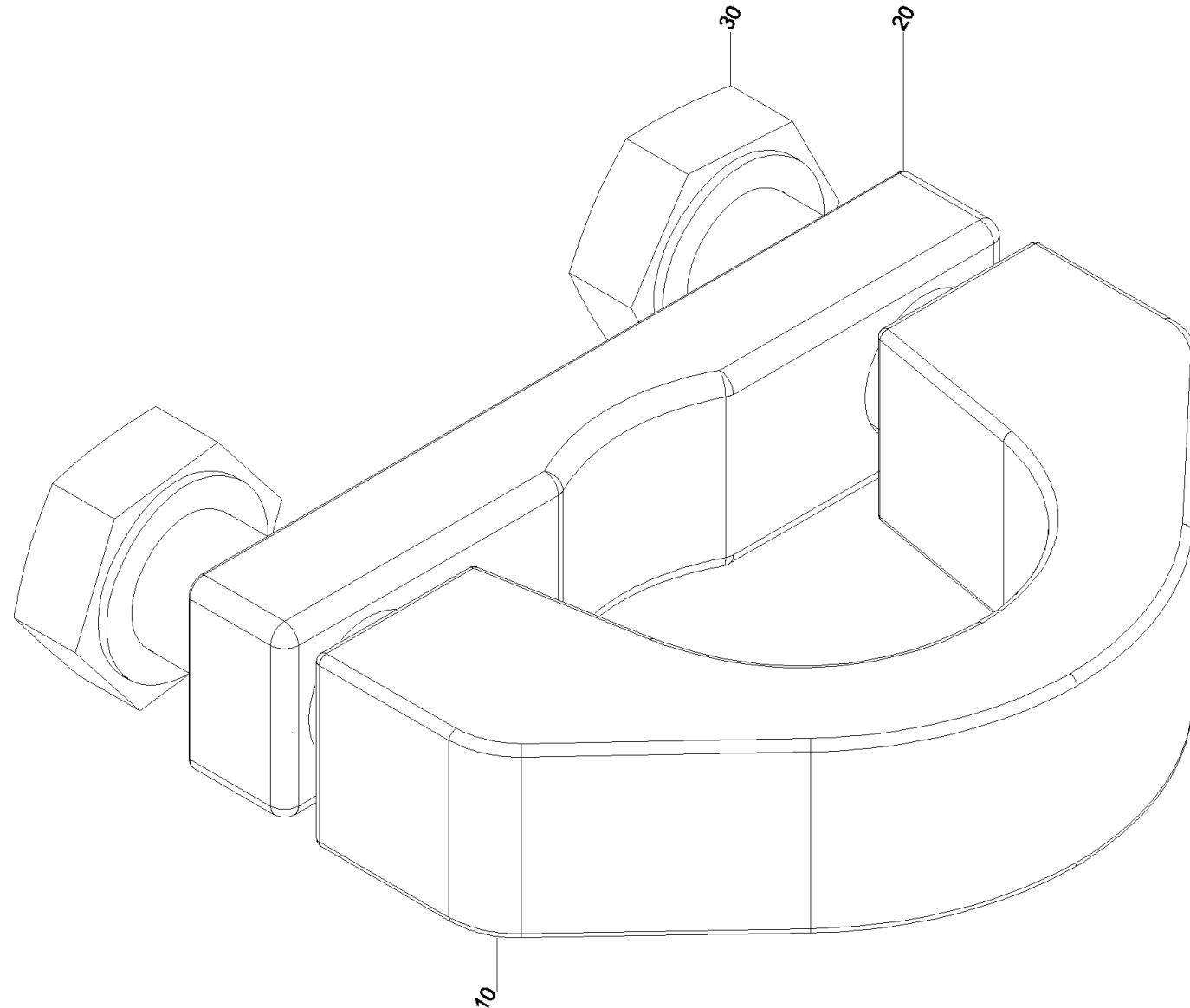
packaging machine (RM)\basic machine\Machine stand\foot\foot\foot



pos	material	document	version	description	quantity	quantity unit	SPC
10	108090137			machine foot	1,000	PC	9
20	101624274			mount	1,000	PC	9
30	101676250			disk	1,000	PC	9
40	78721025150			slide bearings	1,000	PC	3
50	78351025301			radial packing ring	1,000	PC	9
60	75001060902			hexagon-head bolt	1,000	PC	9
70	75001081102			hexagon-head bolt	4,000	PC	9

mount  
106153587

packaging machine (RM)\basic machine\Machine stand\foot\foot\mount



mount

106153587

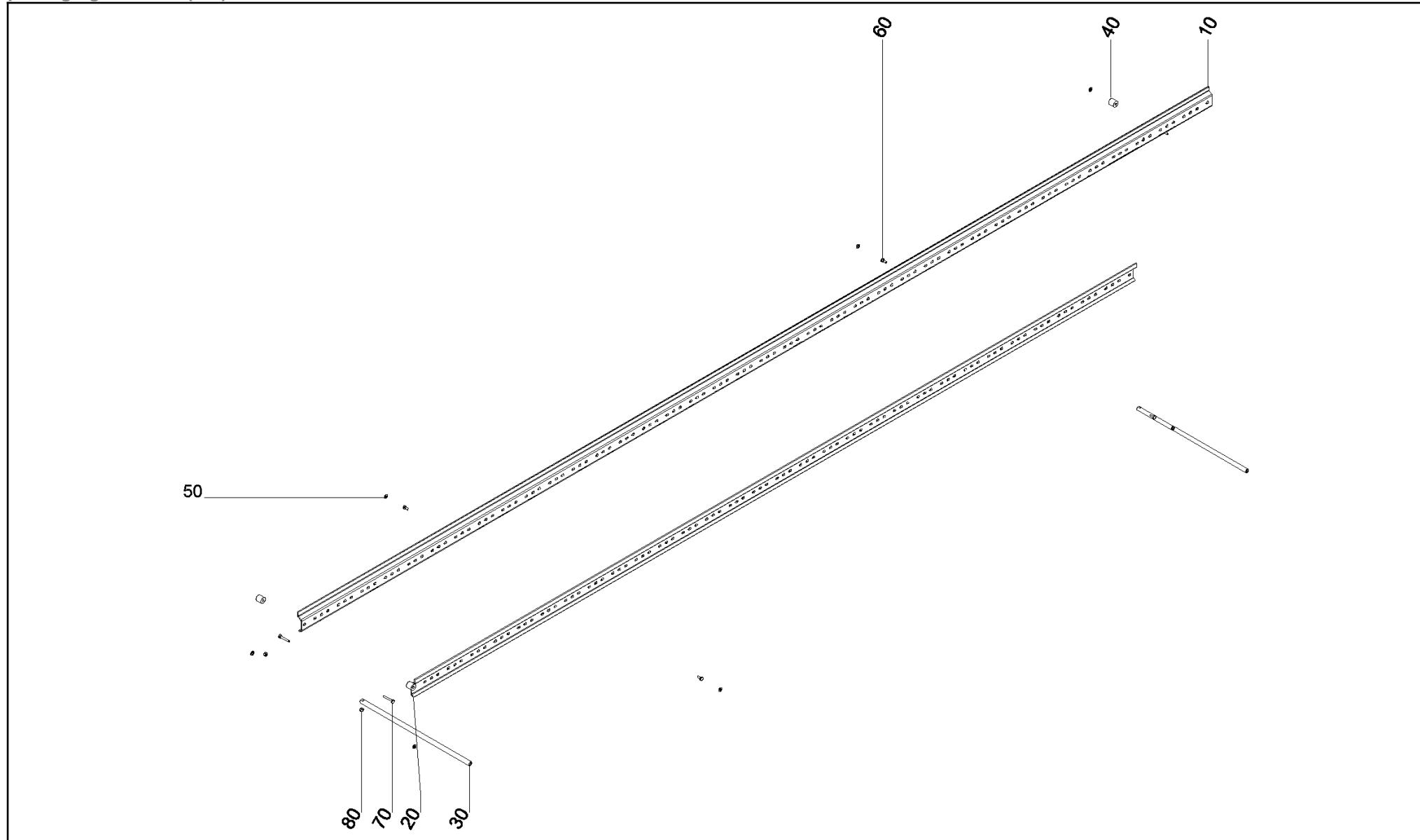
packaging machine (RM)\basic machine\Machine stand\foot\foot\mount



pos	material	document	version	description	quantity	quantity unit	SPC
10	106014902			clamping piece	1,000	PC	9
20	106014881			bar	1,000	PC	9
30	75001081502			hexagon-head bolt	2,000	PC	9

section  
105723032

packaging machine (RM)\basic machine\Machine stand\section



section

105723032

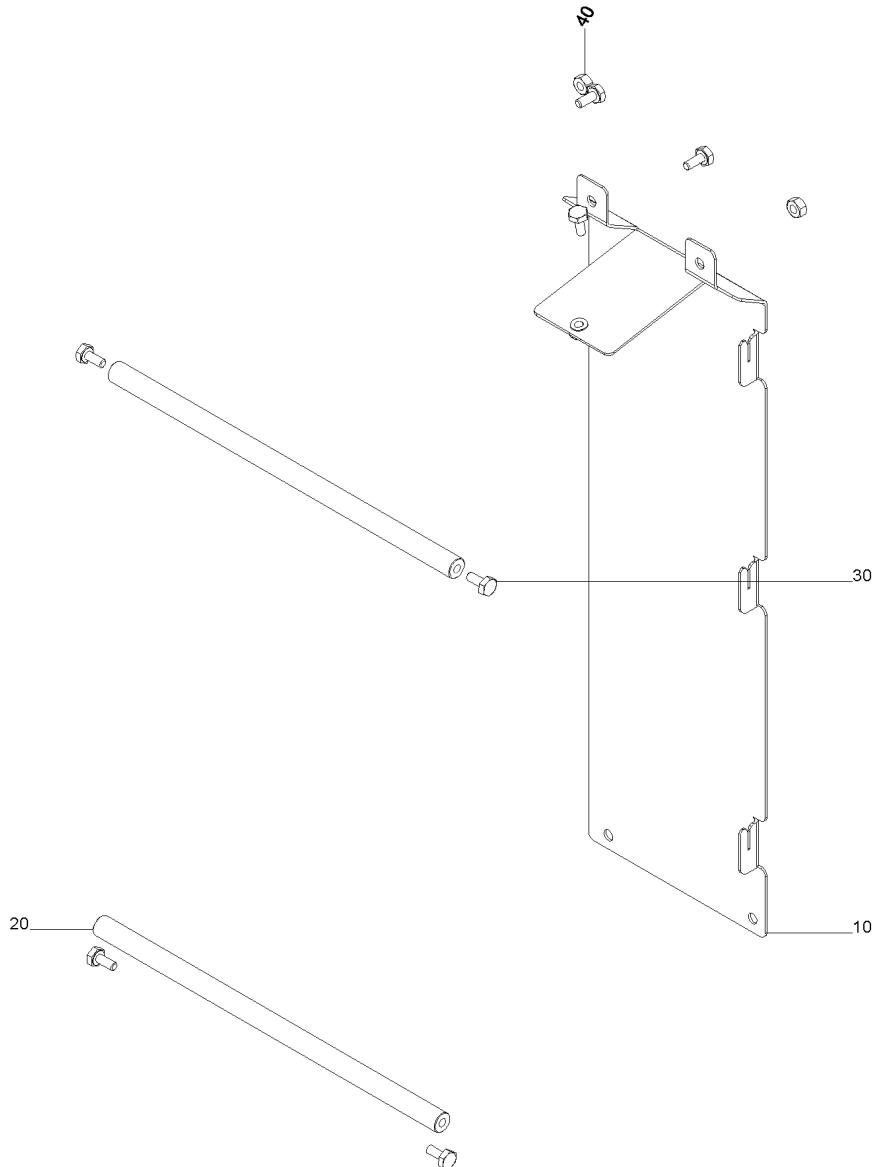
packaging machine (RM)\basic machine\Machine stand\section



pos	material	document	version	description	quantity	quantity unit	SPC
10	105722992			section	1,000	PC	9
20	105723003			section	1,000	PC	9
30	105510640			shaft	2,000	PC	9
40	101722951			female connector	3,000	PC	9
50	75211010802			disk	7,000	PC	9
60	75001081116			hexagon-head bolt	4,000	PC	9
70	75001082016			hexagon-head bolt	3,000	PC	9
80	75200000802			hexagon nut	2,000	PC	9

side panel  
105797002

packaging machine (RM)\basic machine\Machine stand\side panel



side panel

105797002

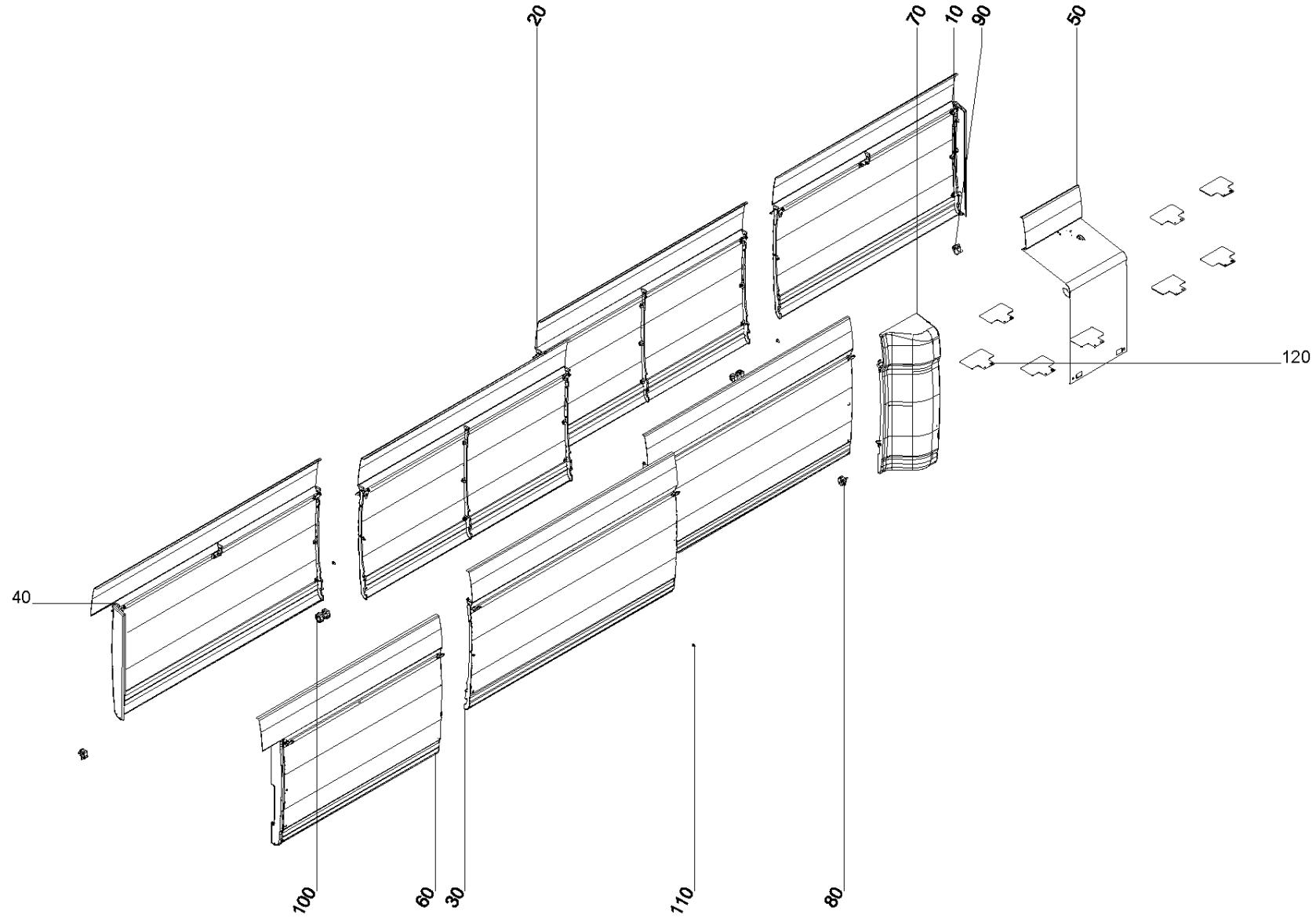
packaging machine (RM)\basic machine\Machine stand\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	105779706			sheet	1,000	PC	9
20	105193720			shaft	2,000	PC	9
30	75001081116			hexagon-head bolt	7,000	PC	9
40	75200000802			hexagon nut	2,000	PC	9

side panel  
106396705

packaging machine (RM)\basic machine\side panel



side panel  
106396705

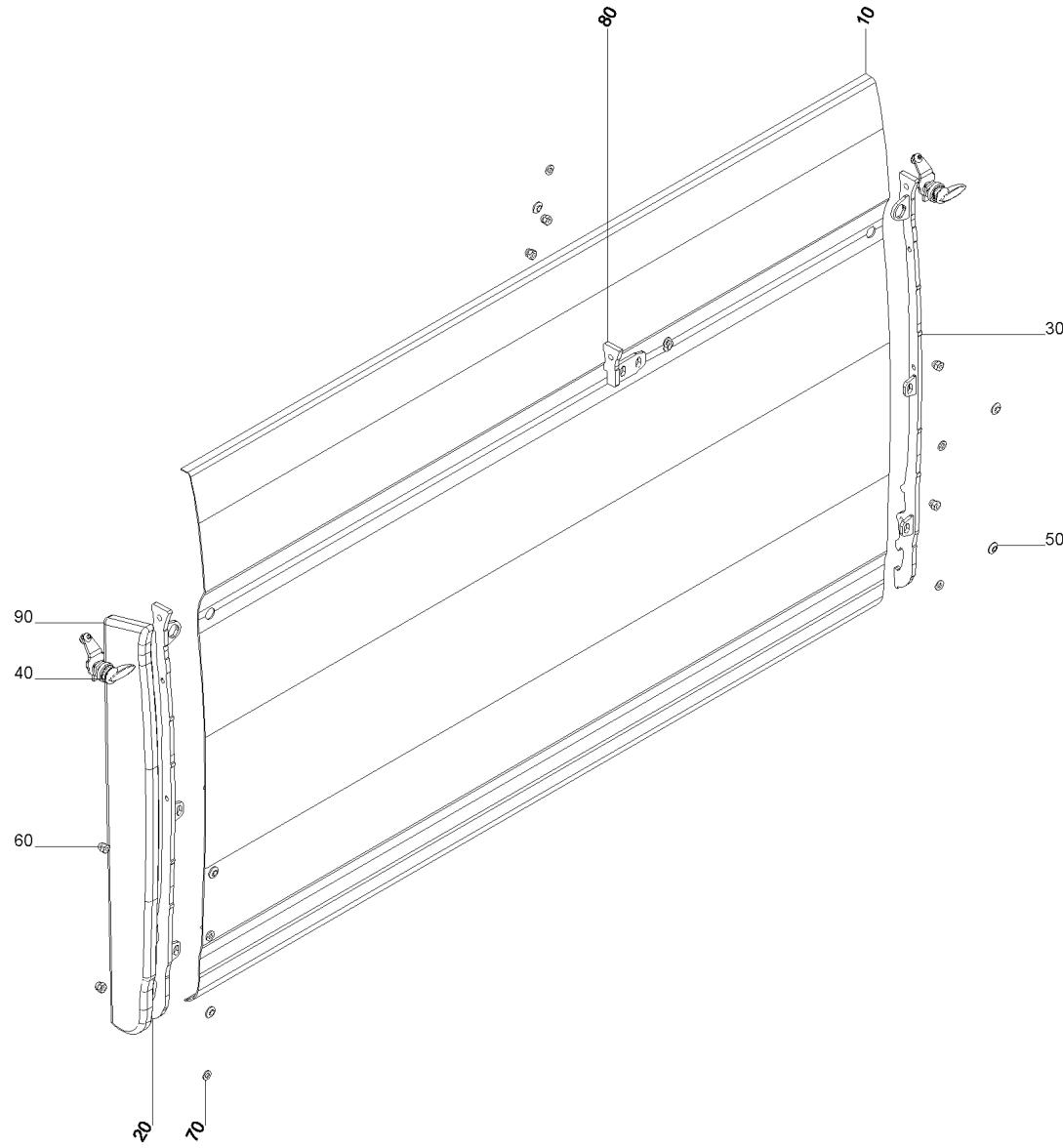


packaging machine (RM)\basic machine\side panel

pos	material	document	version	description	quantity	quantity unit	SPC
10	106393741	16000181365	0	side panel	1,000	PC	N
20	106396136	16000181995	B	side panel	2,000	PC	N
30	106210268	16000162925	A	side panel	2,000	PC	N
40	106265631	16000176168	A	side panel	1,000	PC	9
50	106388701	16000180154	B	side panel	1,000	PC	9
60	106392663	16000181139	0	side panel	1,000	PC	N
70	105488323	16000046432	F	safety cover	1,000	PC	9
80	105586692			mount	2,000	PC	9
90	105586693			mount	2,000	PC	9
100	105586898			mount	7,000	PC	9
110	105515684			stop limit	5,000	PC	9
120	105659817			sheet	8,000	PC	N

side panel  
106393741

packaging machine (RM)\basic machine\side panel\side panel



side panel

106393741

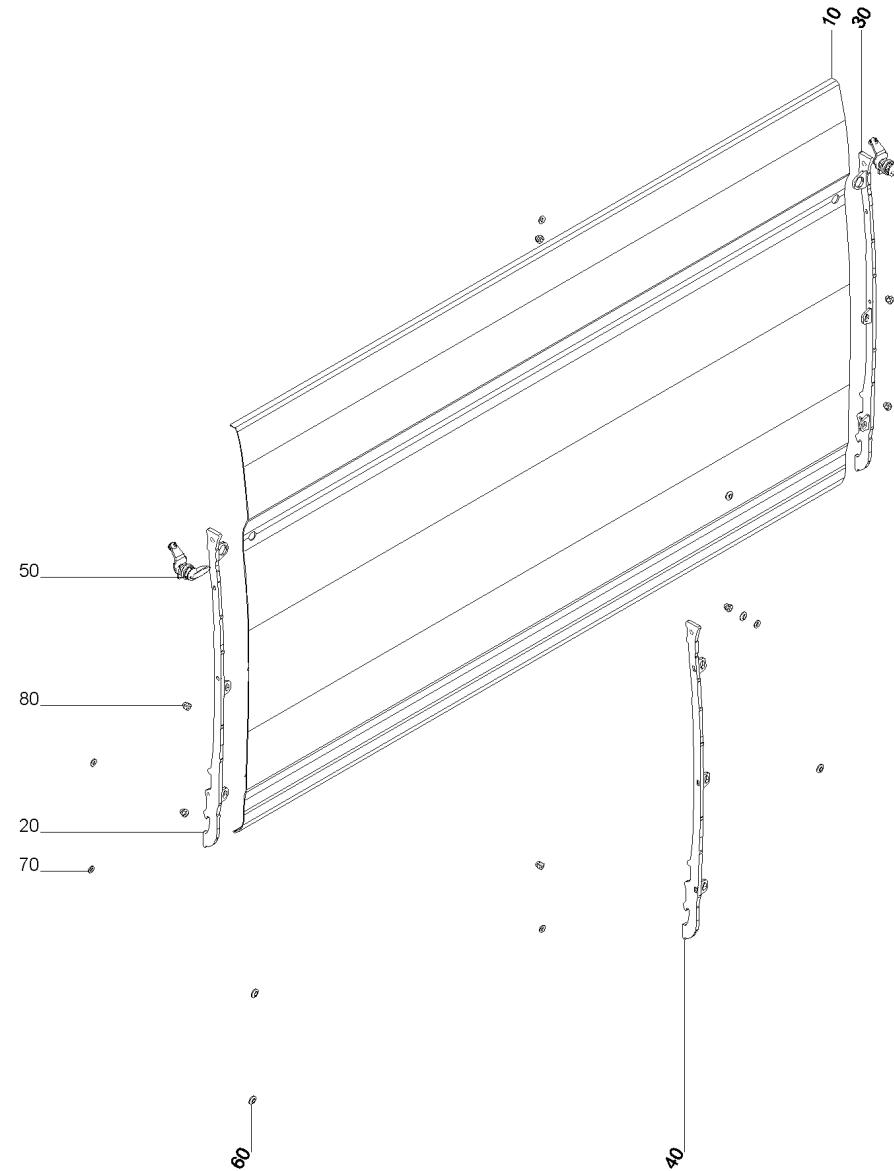
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	106393680			side panel	1,000	PC	9
20	105432858			mount	1,000	PC	9
30	105435549			mount	1,000	PC	9
40	105684366			locking device	2,000	PC	9
50	105417288			female connector	6,000	PC	9
60	75200300602			cap nut	6,000	PC	9
70	75211010602			disk	6,000	PC	9
80	106267935			mount	1,000	PC	9
90	105552401			end profile	1,000	PC	3

side panel  
106396136

packaging machine (RM)\basic machine\side panel\side panel



side panel

106396136

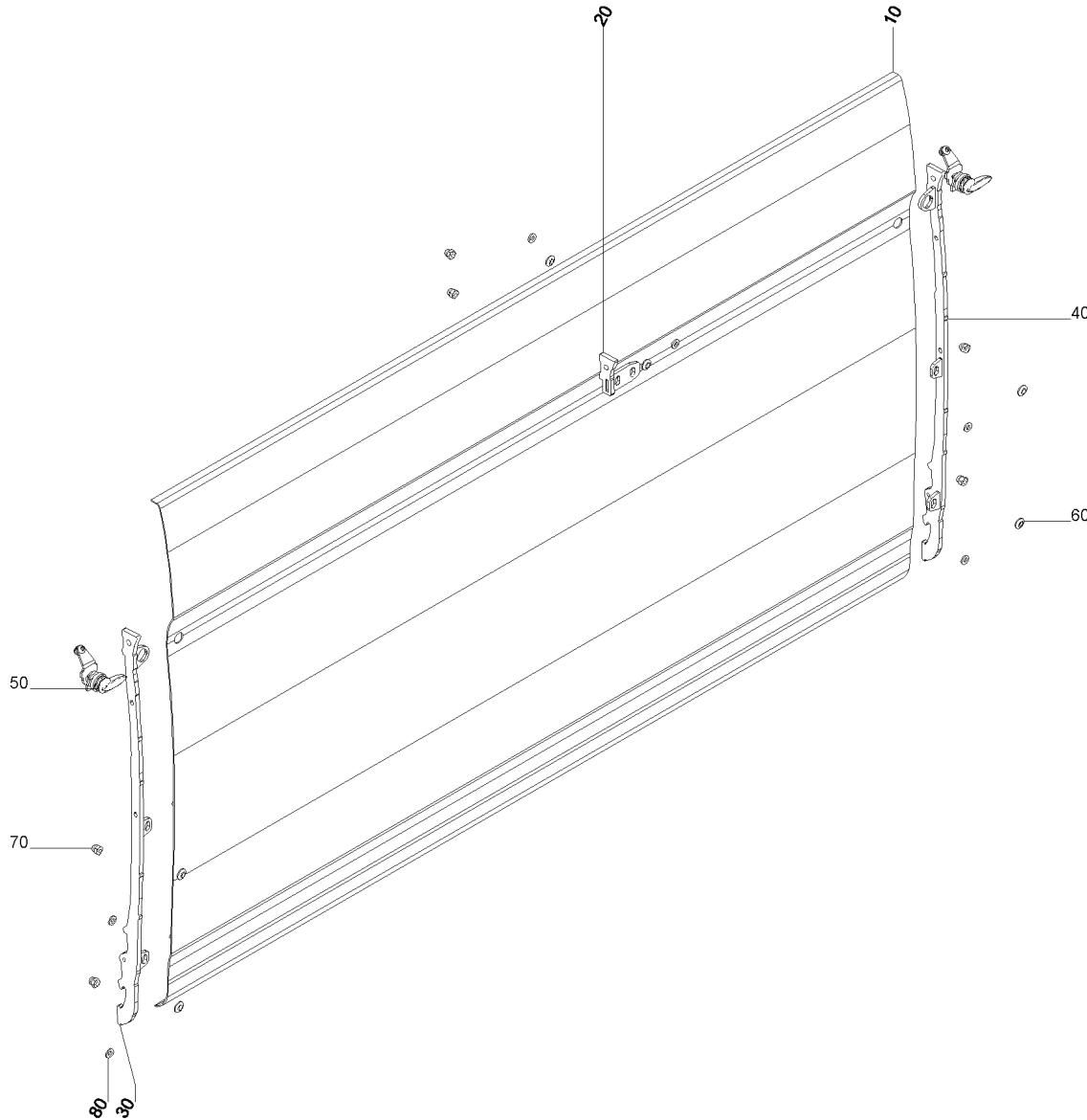
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	106396133			side panel	1,000	PC	9
20	105432858			mount	1,000	PC	9
30	105435549			mount	1,000	PC	9
40	106204267			mount	1,000	PC	N
50	105684366			locking device	2,000	PC	9
60	105417288			female connector	7,000	PC	9
70	75211010602			disk	7,000	PC	9
80	75200300602			cap nut	7,000	PC	9

side panel  
106210268

packaging machine (RM)\basic machine\side panel\side panel



side panel

106210268

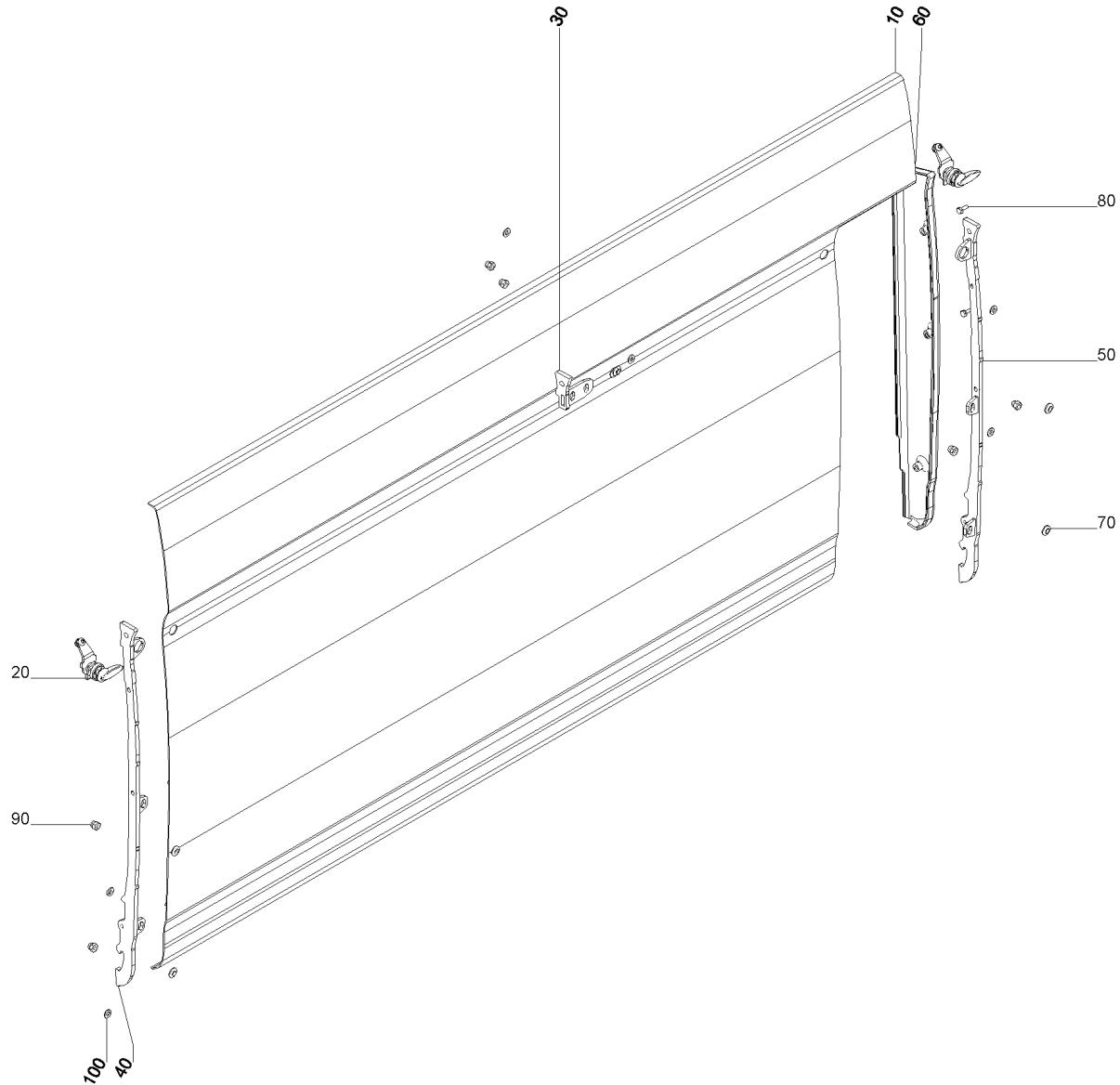
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	106210041			side panel	1,000	PC	9
20	106267935			mount	1,000	PC	9
30	105432858			mount	1,000	PC	9
40	105435549			mount	1,000	PC	9
50	105684366			locking device	2,000	PC	9
60	105417288			female connector	6,000	PC	9
70	75200300602			cap nut	6,000	PC	9
80	75211010602			disk	6,000	PC	9

side panel  
106265631

packaging machine (RM)\basic machine\side panel\side panel



side panel  
106265631

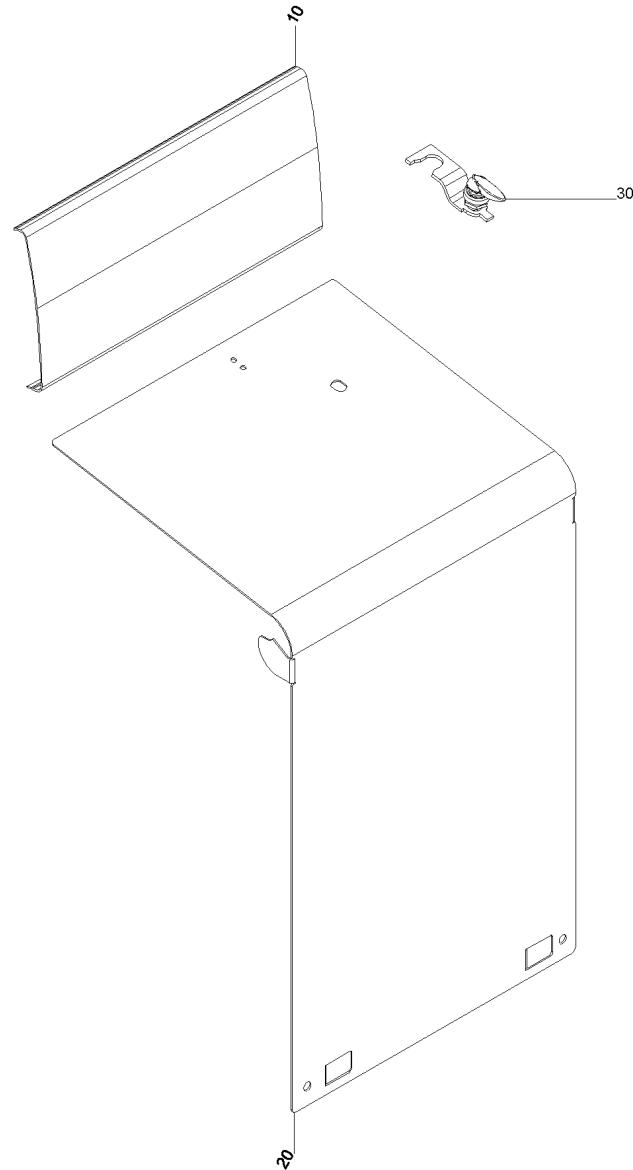
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	106265628			side panel	1,000	PC	9
20	105684366			locking device	2,000	PC	9
30	106267935			mount	1,000	PC	9
40	105432858			mount	1,000	PC	9
50	105435549			mount	1,000	PC	9
60	105508318			end profile	1,000	PC	N
70	105417288			female connector	6,000	PC	9
80	75001050902			hexagon-head bolt	3,000	PC	9
90	75200300602			cap nut	6,000	PC	9
100	75211010602			disk	6,000	PC	9

side panel  
106388701

packaging machine (RM)\basic machine\side panel\side panel



side panel

106388701

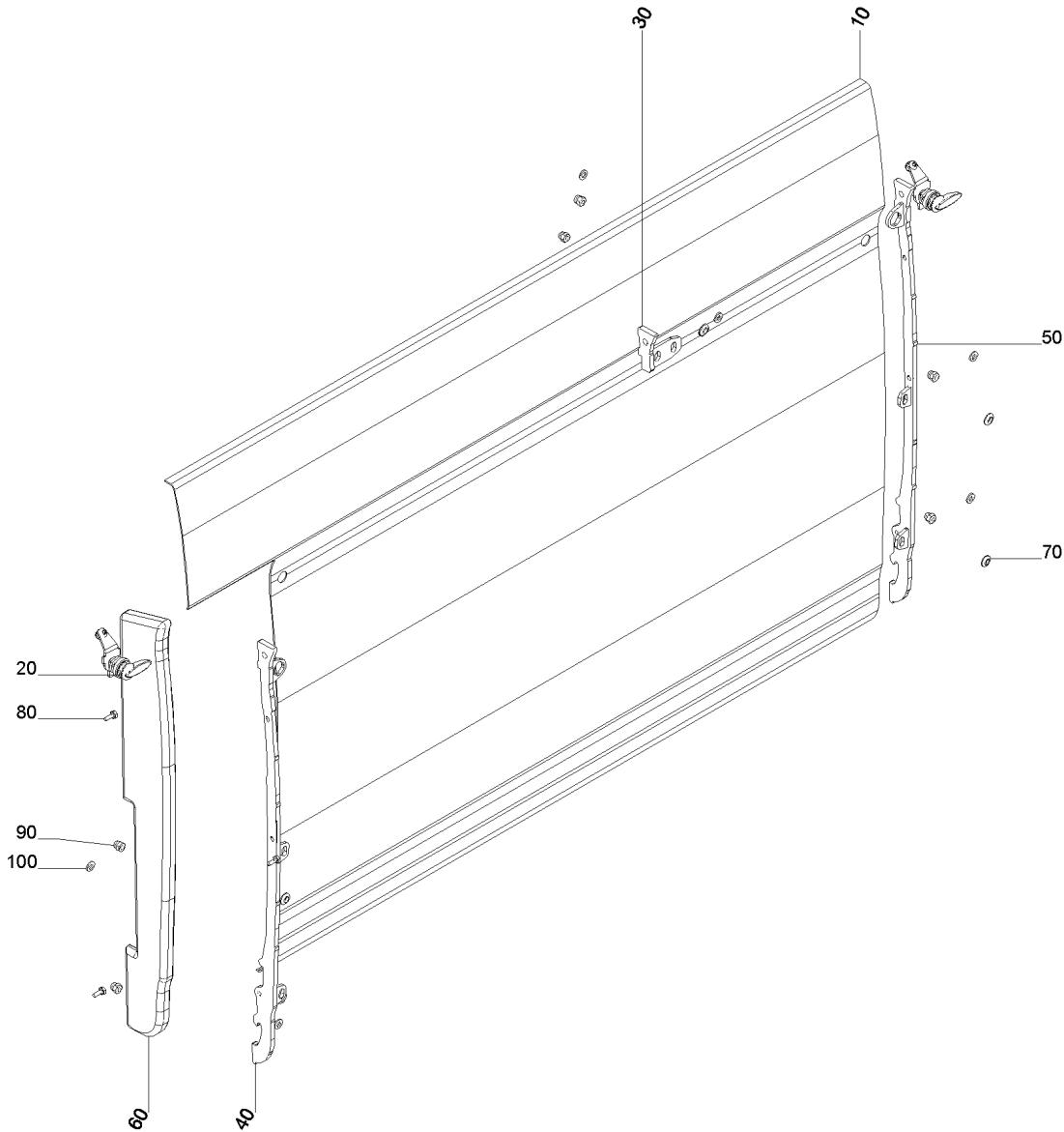
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	105561183			side panel	1,000	PC	9
20	106388690			sheet	1,000	PC	9
30	106404528			locking device	1,000	PC	9

side panel  
106392663

packaging machine (RM)\basic machine\side panel\side panel



side panel

106392663

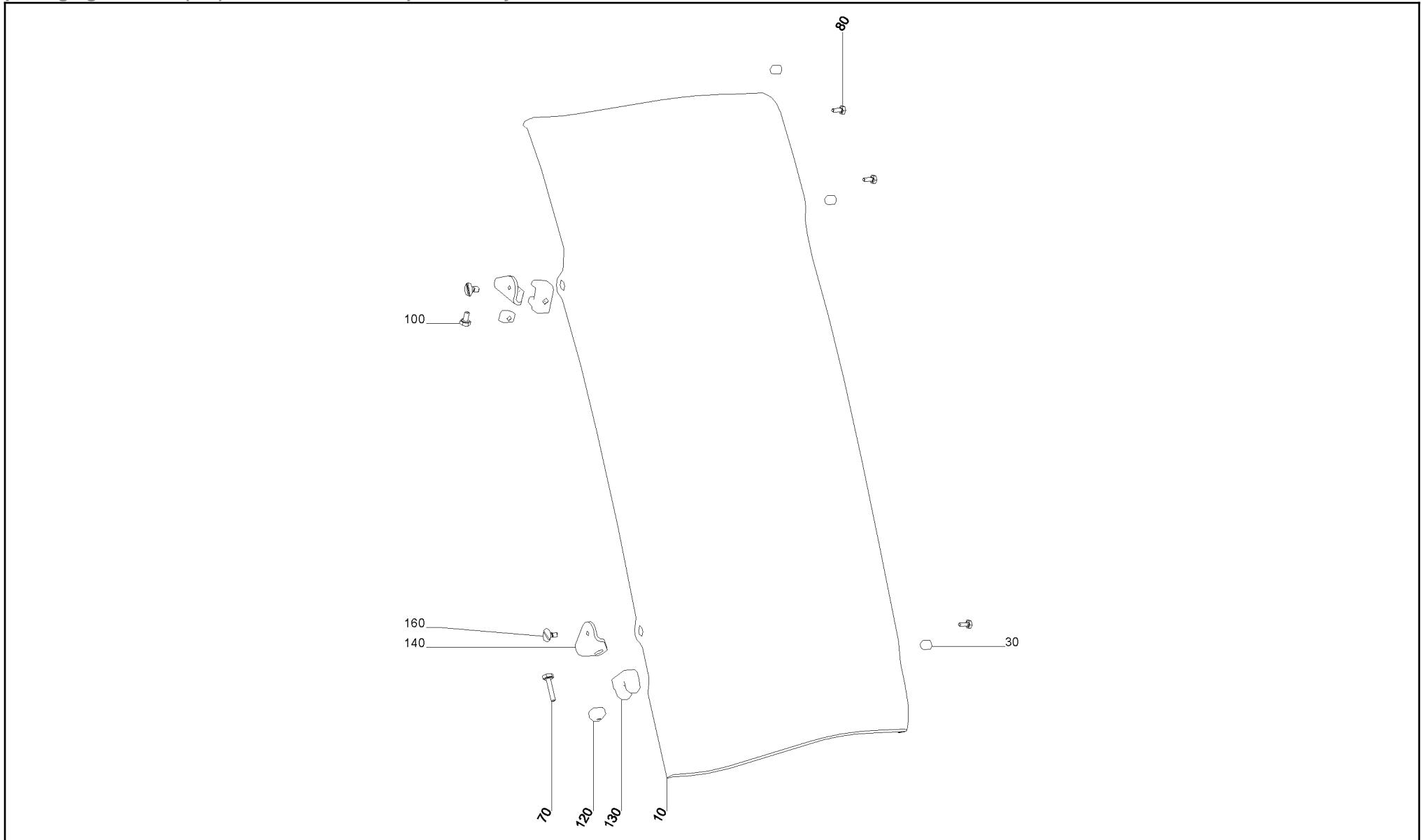
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	106386190			side panel	1,000	PC	9
20	105684366			locking device	2,000	PC	9
30	106267935			mount	1,000	PC	9
40	105432858			mount	1,000	PC	9
50	105435549			mount	1,000	PC	9
60	105589598			end profile	1,000	PC	3
70	105417288			female connector	6,000	PC	9
80	75001050902			hexagon-head bolt	3,000	PC	9
90	75200300602			cap nut	6,000	PC	9
100	75211010602			disk	6,000	PC	9

safety cover  
105488323

packaging machine (RM)\basic machine\side panel\safety cover



**safety cover**

**105488323**

**packaging machine (RM)\basic machine\side panel\safety cover**

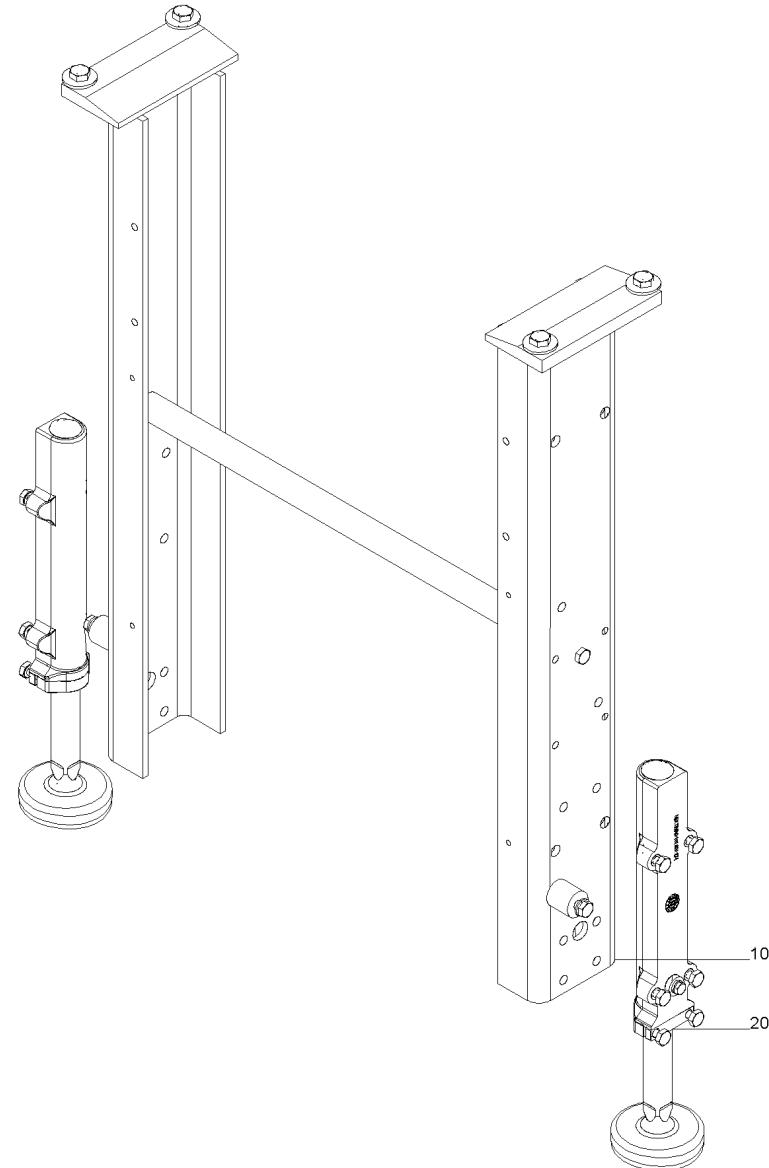


pos	material	document	version	description	quantity	quantity unit	SPC
10	105520563			cover	1,000	PC	9
30	105520328			guide pin	3,000	PC	9
70	75001061502			hexagon-head bolt	1,000	PC	9
80	75001050602			hexagon-head bolt	3,000	PC	9
100	75001060802			hexagon-head bolt	1,000	PC	9
120	105556472			mount	2,000	PC	9
130	105556402			mount	2,000	PC	9
140	105659998			sheet	2,000	PC	9
160	105672324			screw	2,000	PC	9

foot

106715310

packaging machine (RM)\basic machine\foot



foot

106715310

packaging machine (RM)\basic machine\foot

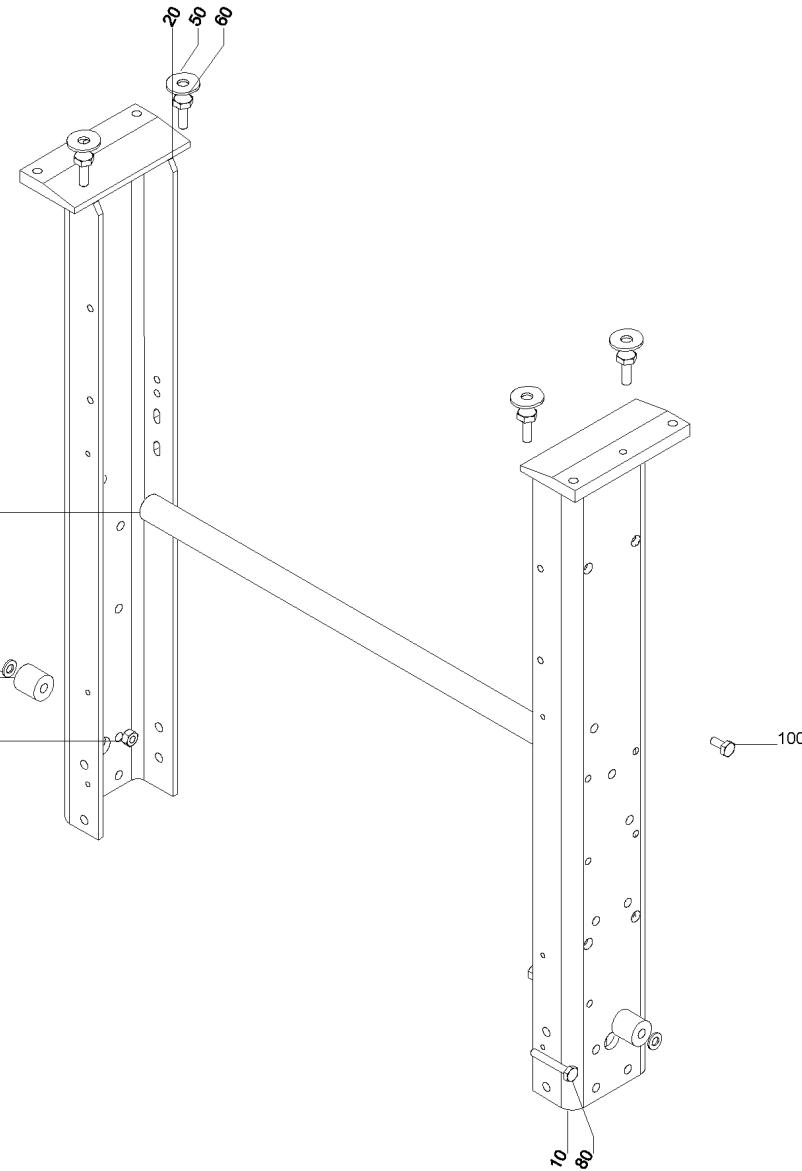


pos	material	document	version	description	quantity	quantity unit	SPC
10	105716010	16000124564	A	foot	1,000	PC	9
20	106458700	16000202974	B	foot	2,000	PC	9

foot

105716010

packaging machine (RM)\basic machine\foot\foot



foot

105716010

packaging machine (RM)\basic machine\foot\foot

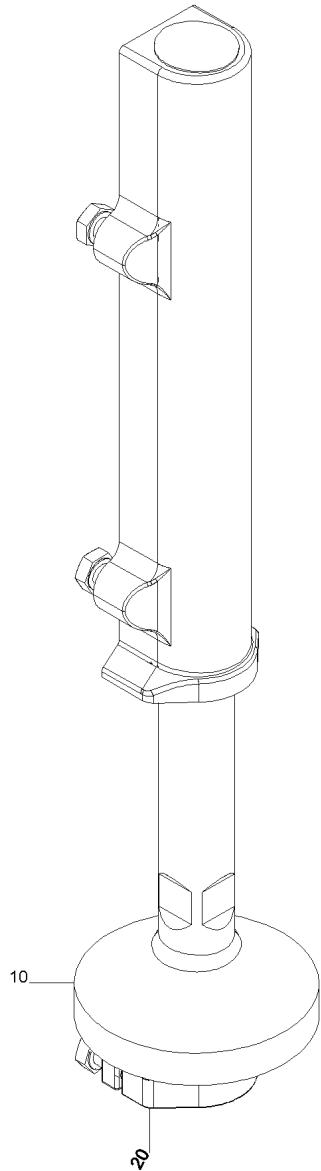


pos	material	document	version	description	quantity	quantity unit	SPC
10	105641150			foot	1,000	PC	9
20	105641145			foot	1,000	PC	9
30	101722951			female connector	2,000	PC	9
40	105630308			shaft	1,000	PC	9
50	75211031002			disk	4,000	PC	9
60	75001101516			hexagon-head bolt	4,000	PC	9
70	75211010802			disk	2,000	PC	9
80	75001082016			hexagon-head bolt	2,000	PC	9
90	75200000802			hexagon nut	2,000	PC	9
100	75001081116			hexagon-head bolt	2,000	PC	9

foot

106458700

packaging machine (RM)\basic machine\foot\foot



foot

106458700

packaging machine (RM)\basic machine\foot\foot

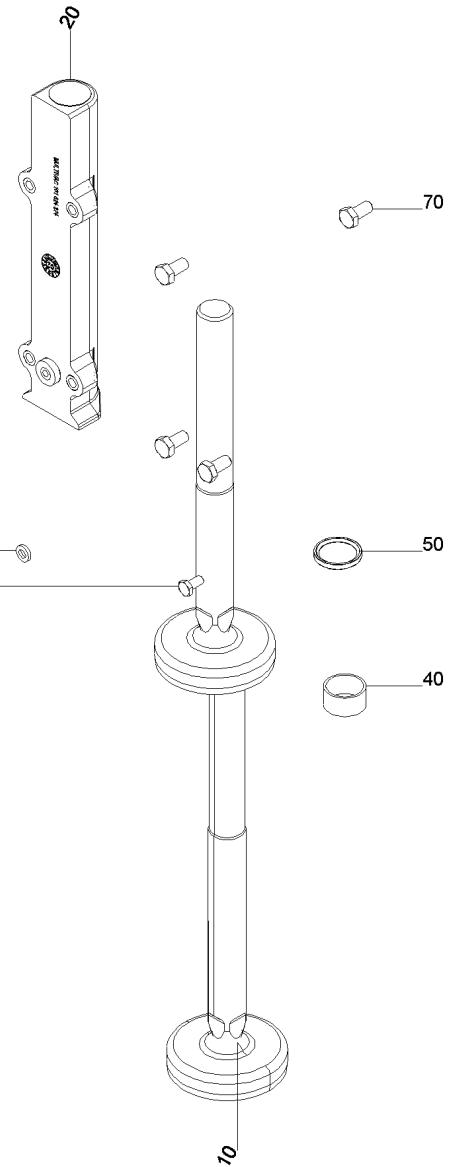


pos	material	document	version	description	quantity	quantity unit	SPC
10	106458696	16000202973	B	foot	1,000	PC	9
20	106153587	16000620466	A	mount	1,000	PC	9

foot

106458696

packaging machine (RM)\basic machine\foot\foot\foot



foot

106458696

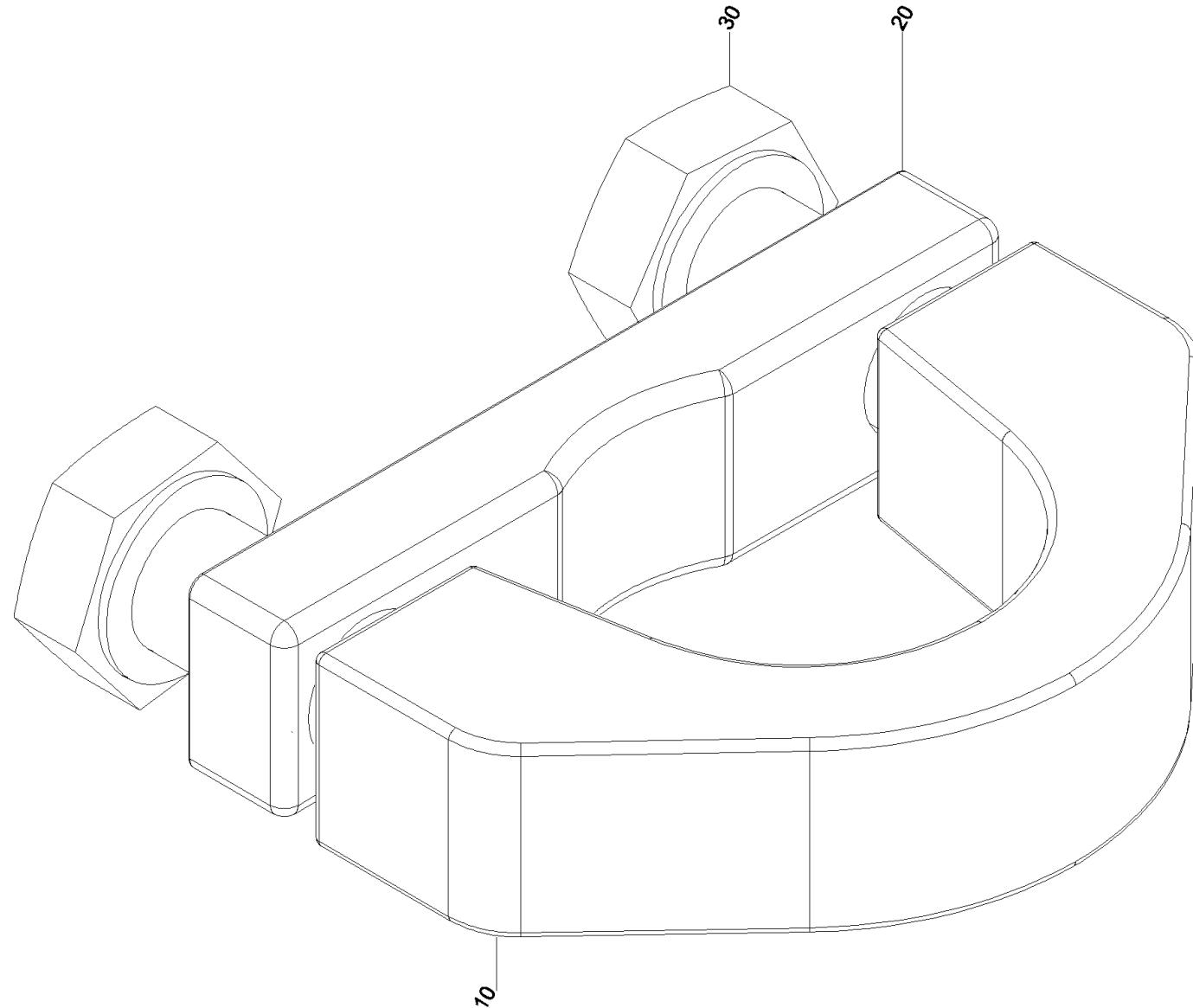
packaging machine (RM)\basic machine\foot\foot\foot



pos	material	document	version	description	quantity	quantity unit	SPC
10	108090137			machine foot	1,000	PC	9
20	101624274			mount	1,000	PC	9
30	101676250			disk	1,000	PC	9
40	78721025150			slide bearings	1,000	PC	3
50	78351025301			radial packing ring	1,000	PC	9
60	75001060902			hexagon-head bolt	1,000	PC	9
70	75001081102			hexagon-head bolt	4,000	PC	9

mount  
106153587

packaging machine (RM)\basic machine\foot\foot\mount



mount

106153587

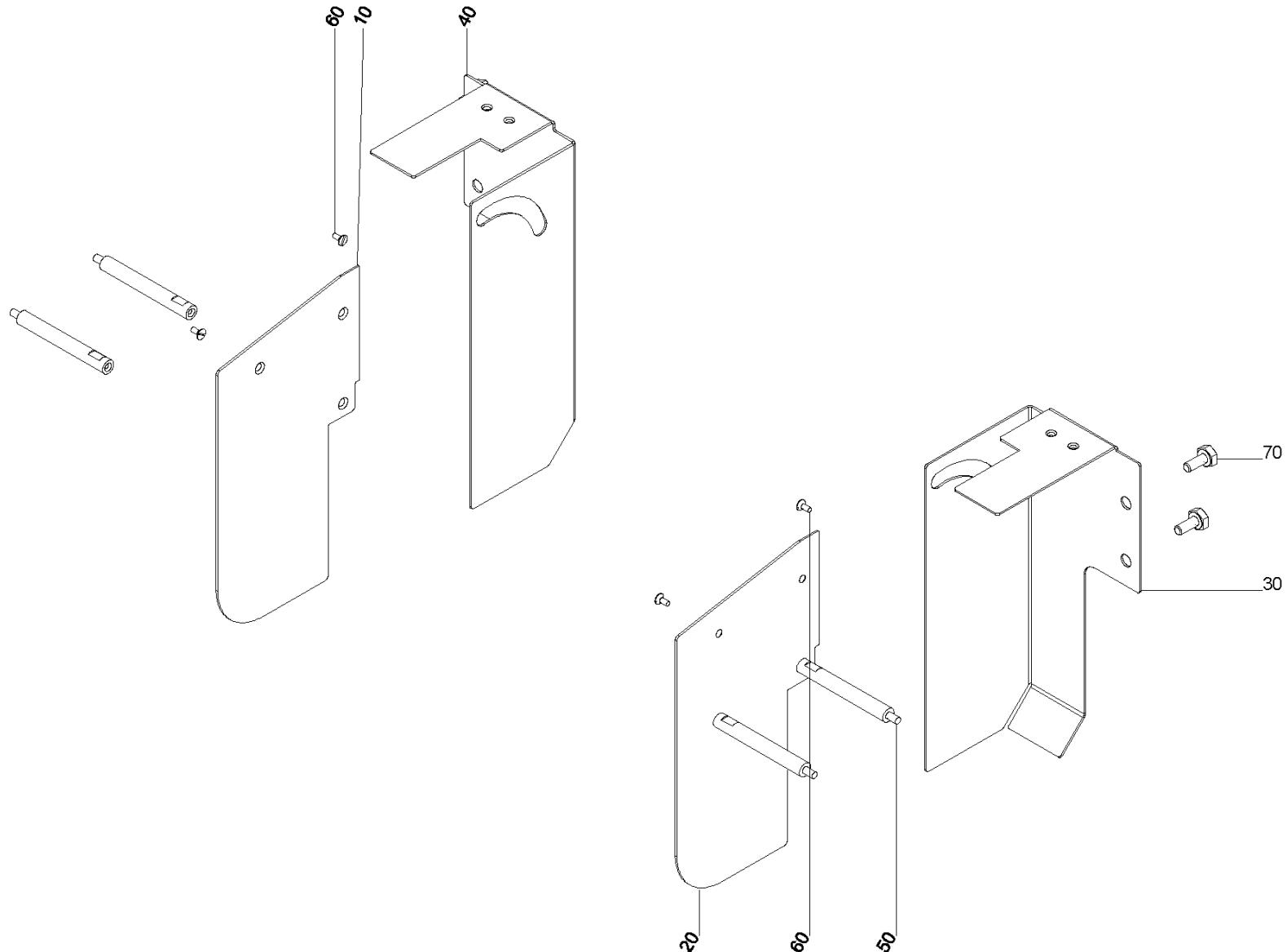
packaging machine (RM)\basic machine\foot\foot\mount



pos	material	document	version	description	quantity	quantity unit	SPC
10	106014902			clamping piece	1,000	PC	9
20	106014881			bar	1,000	PC	9
30	75001081502			hexagon-head bolt	2,000	PC	9

cover  
105617860

packaging machine (RM)\basic machine\cover



cover

105617860

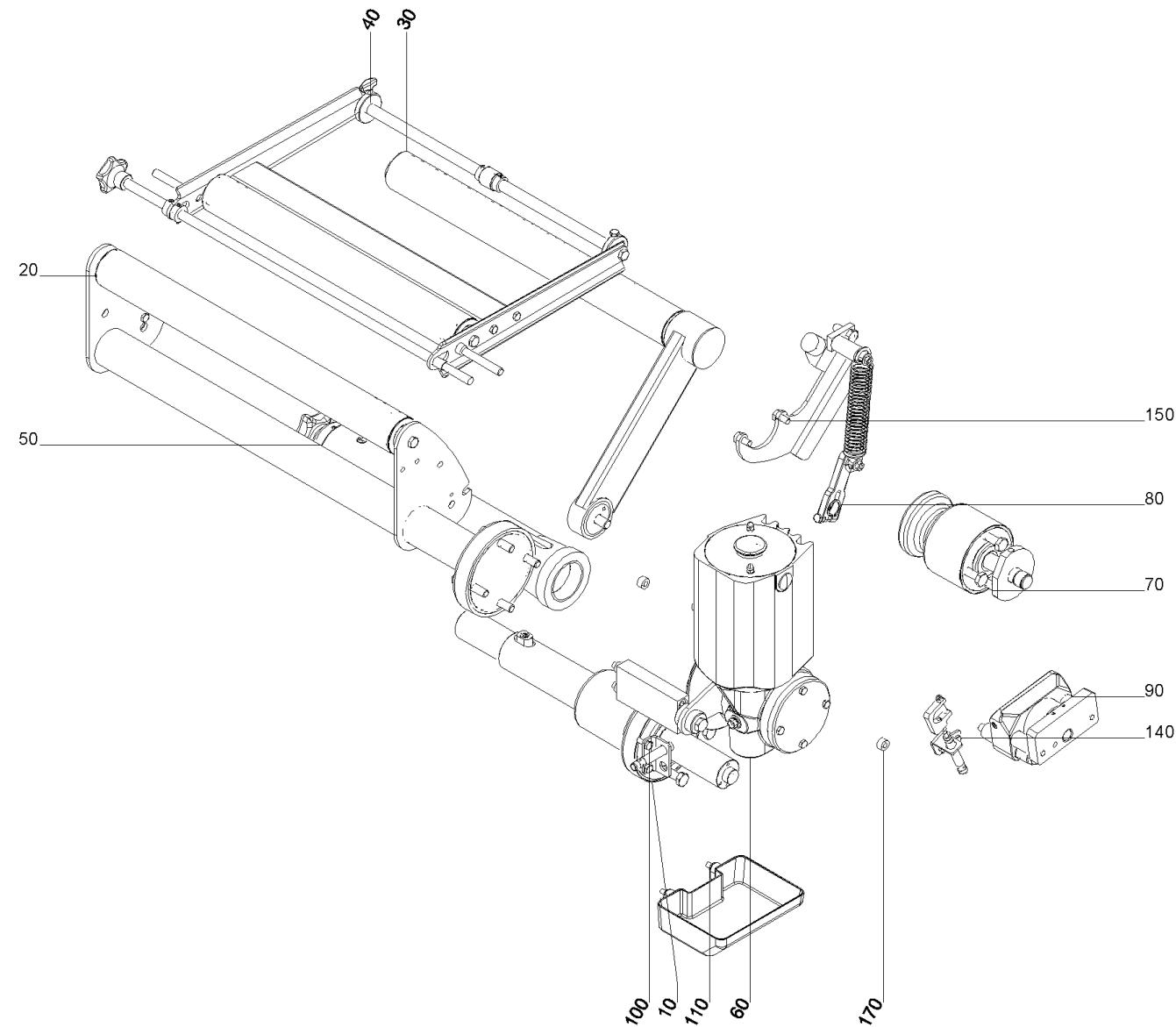
packaging machine (RM)\basic machine\cover



pos	material	document	version	description	quantity	quantity unit	SPC
10	106901191			cover sheet	1,000	PC	N
20	106899938			cover sheet	1,000	PC	N
30	105596639			cover	1,000	PC	9
40	105596495			cover	1,000	PC	9
50	11601047001			spacer bolts	4,000	PC	9
60	75021040602			countersunk flat head screw	4,000	PC	9
70	75001081116			hexagon-head bolt	4,000	PC	9

film discharger  
108089393

packaging machine (RM)\basic machine\film discharger



film discharger

108089393

packaging machine (RM)\basic machine\film discharger

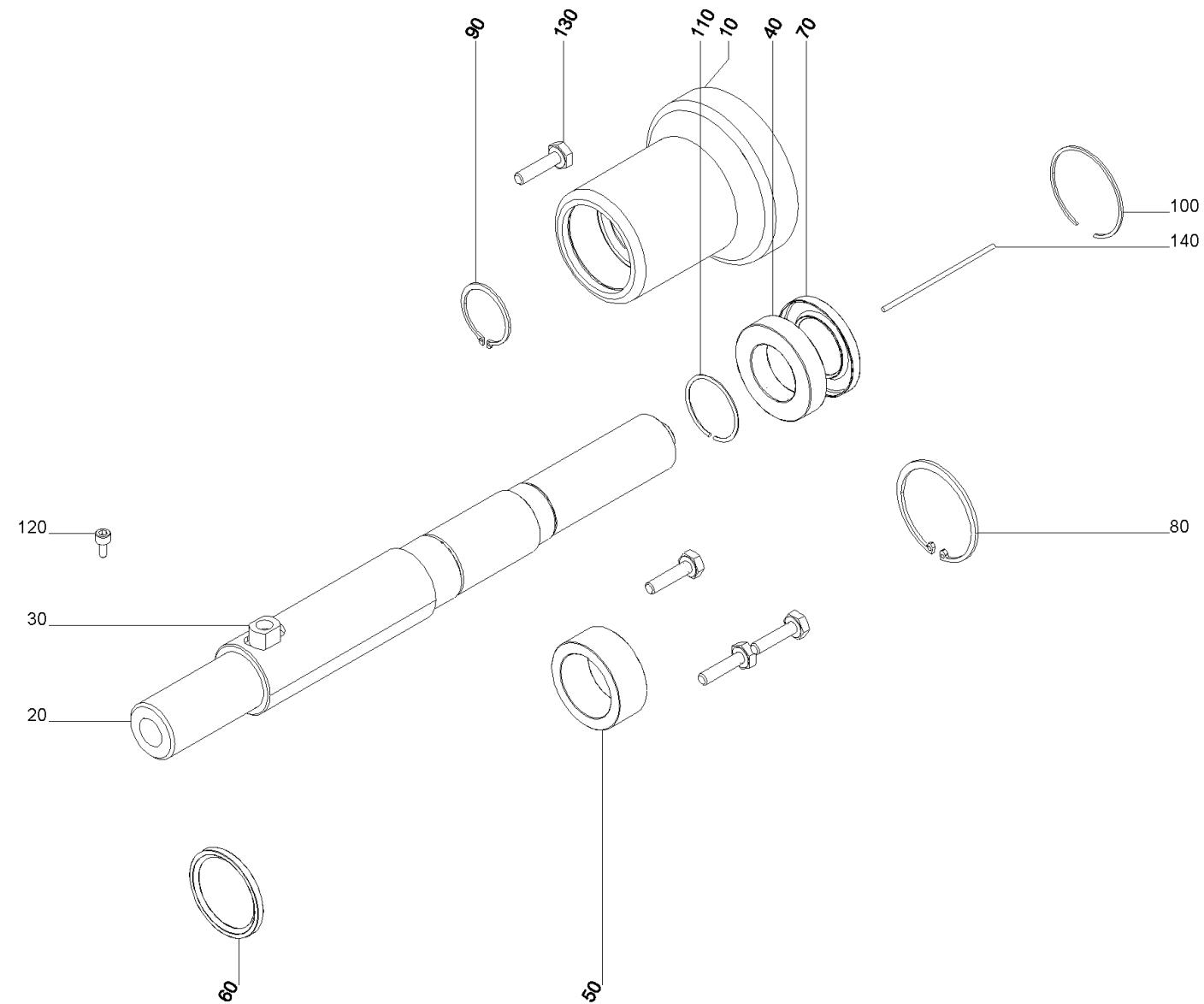


pos	material	document	version	description	quantity	quantity unit	SPC
10	105429322	16000113826	F	carrier	1,000	PC	9
20	107535878	16000465952	D	deflection roller	1,000	PC	9
30	107660521	16000497085	A	swing arm	1,000	PC	9
40	107535649	16000465900	O	film guide	1,000	PC	9
50	107857189	16000539996	E	holding mandrel	1,000	PC	9
60	105383550	16000031837	F	drive	1,000	PC	9
70	106503462	16000241898	B	carrier	1,000	PC	9
80	105420906	16000022364	B	spring suspension	1,000	PC	9
90	105359843	16000028464	K	disc brake	1,000	PC	9
100	105420832	16000022351	B	proximity switch	1,000	PC	9
110	105808424			collecting trough	1,000	PC	9
140	105431069	16000023261	F	proximity switch	1,000	PC	9
150	106606097	16000234993	A	stop limit	1,000	PC	9
160	106015151			electrical system	1,000	PC	9
170	19389000800			distance bushing	4,000	PC	9
180	107874190			female connector	2,000	PC	9

carrier

105429322

packaging machine (RM)\basic machine\film discharger\carrier



carrier

105429322

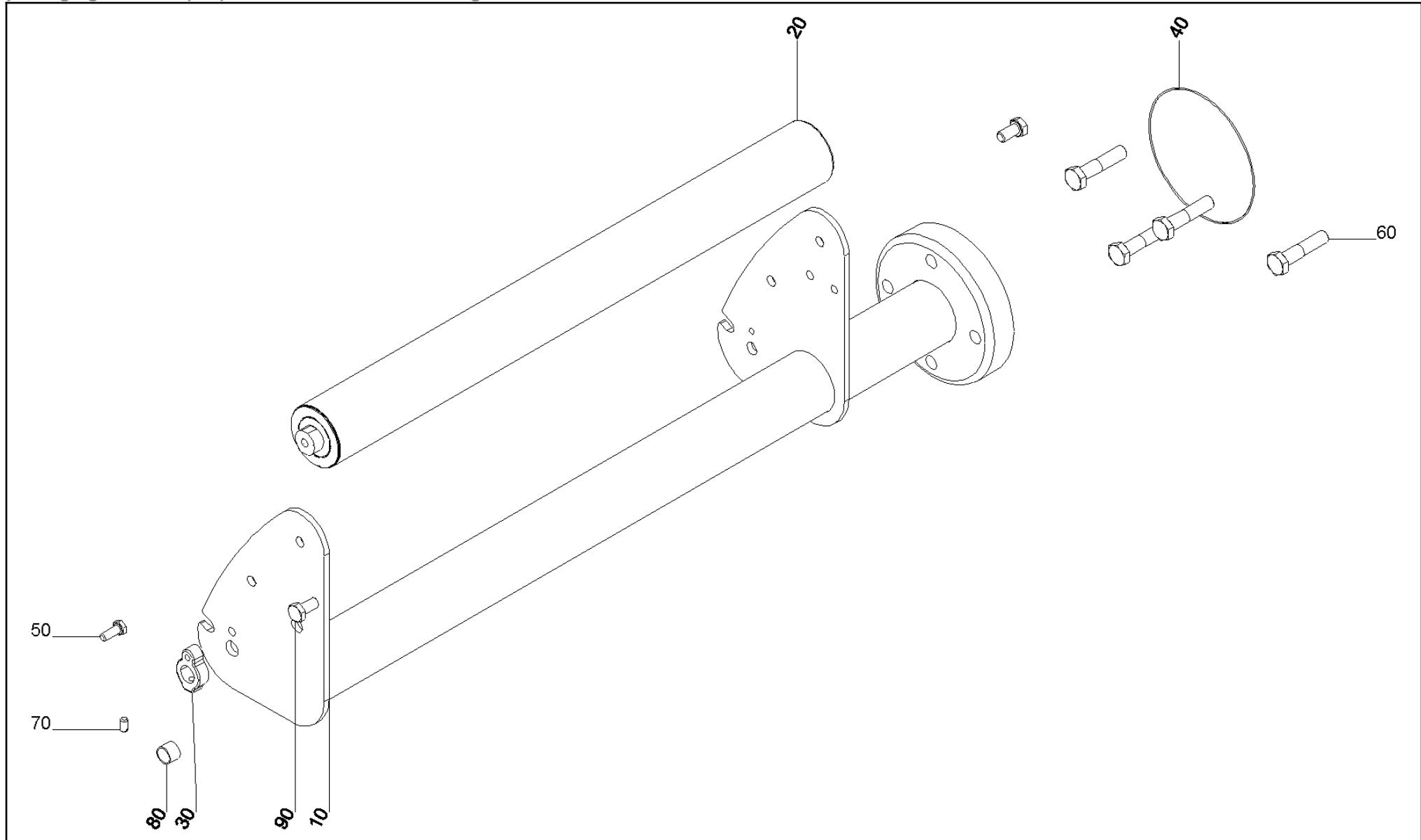
packaging machine (RM)\basic machine\film discharger\carrier



pos	material	document	version	description	quantity	quantity unit	SPC
10	106599182			bearing	1,000	PC	9
20	105429317			shaft	1,000	PC	9
30	11531830701			female connector	1,000	PC	5
40	78500030800			radial deep groove ball bearing	1,000	PC	1
50	78534504500			needle bearing	1,000	PC	9
60	78351050200			radial packing ring	1,000	PC	9
70	78351040300			radial packing ring	1,000	PC	9
80	78100106802			retaining ring	1,000	PC	9
90	78100004002			retaining ring	1,000	PC	9
100	105420429			circlip	1,000	PC	9
110	78101004502			circlip	1,000	PC	9
120	75010060916			cylindrical screw	1,000	PC	9
130	75001101816			hexagon-head bolt	4,000	PC	9
140	81861121032			toroidal seal	0,450	M	W

deflection roller  
107535878

packaging machine (RM)\basic machine\film discharger\deflection roller



deflection roller

107535878

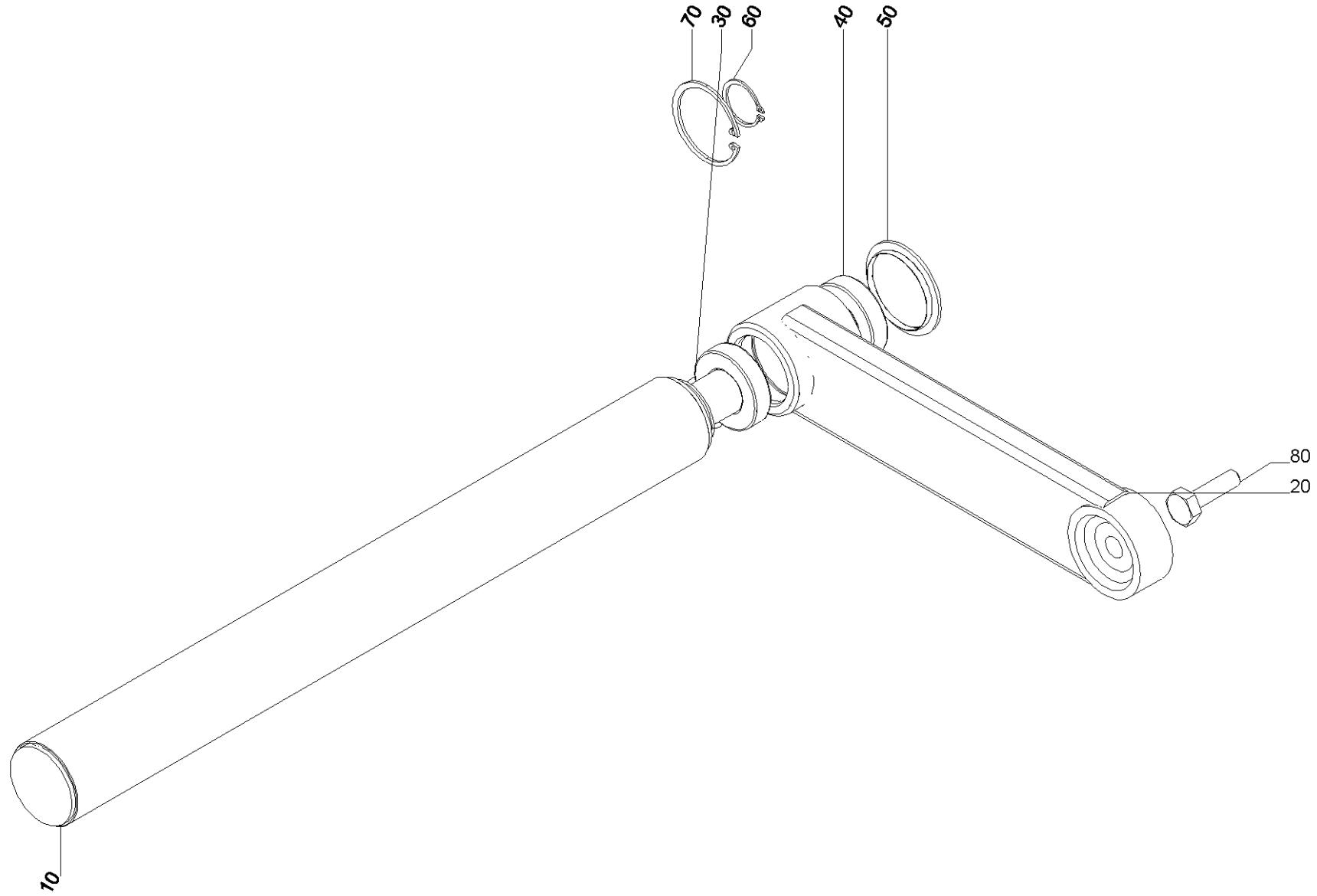
packaging machine (RM)\basic machine\film discharger\deflection roller



pos	material	document	version	description	quantity	quantity unit	SPC
10	105429365			carrier	1,000	PC	9
20	107163675			deflection roller	1,000	PC	9
30	106603551			set collar	1,000	PC	9
40	78301105250			o-ring	1,000	PC	1
50	75001061116			hexagon-head bolt	1,000	PC	9
60	75000102002			hexagon-head bolt	4,000	PC	9
70	107111243			grub screw	1,000	PC	9
80	78722012100			slide bearings	1,000	PC	5
90	75001081116			hexagon-head bolt	2,000	PC	9

swing arm  
107660521

packaging machine (RM)\basic machine\film discharger\swing arm



**swing arm**

**107660521**

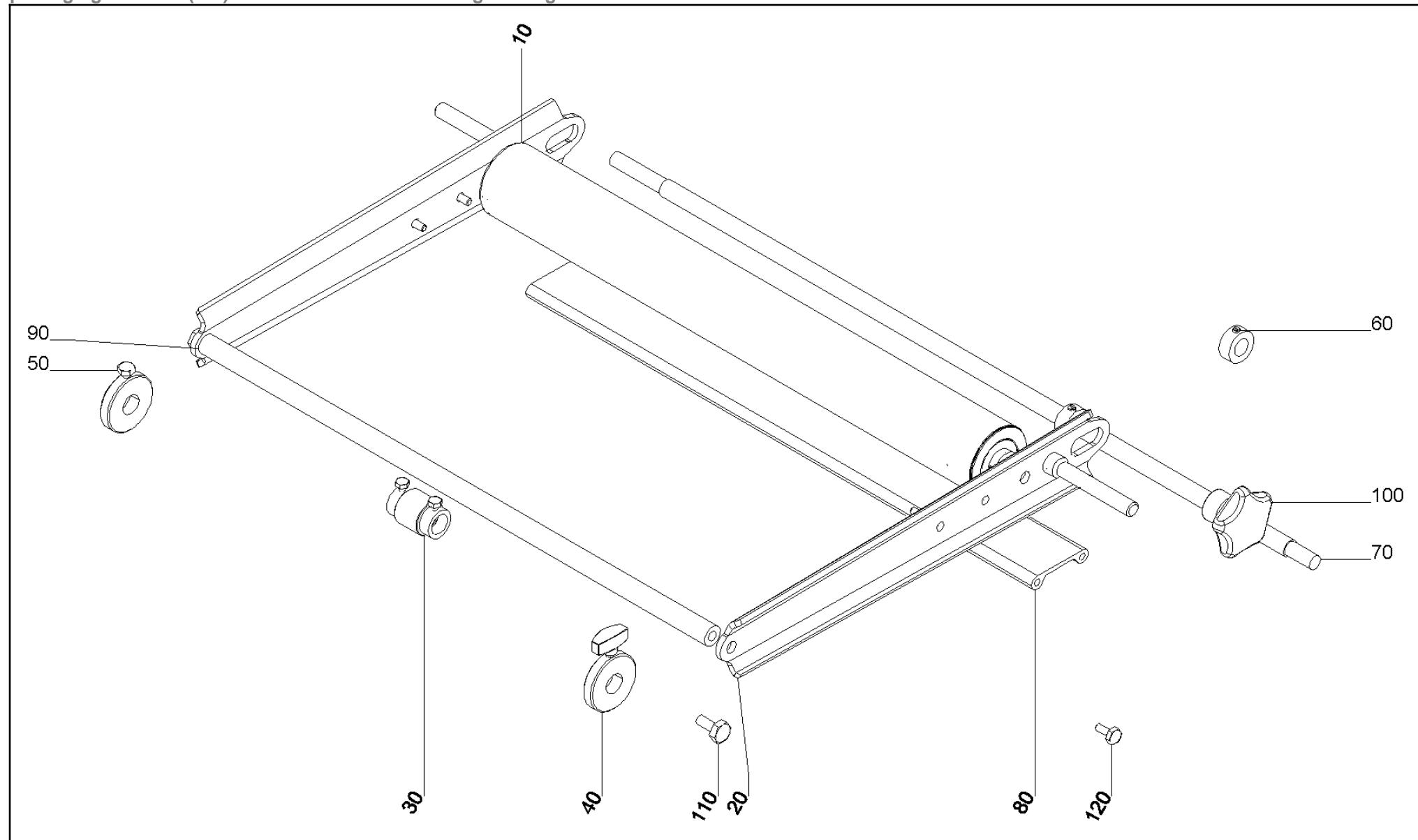
**packaging machine (RM)\basic machine\film discharger\swing arm**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105739316			reel	1,000	PC	9
20	106198682			swing arm	1,000	PC	9
30	19431125800			spacer ring	1,000	PC	5
40	78501030504			radial deep groove ball bearing	2,000	PC	1
50	81961801303			cover cap	1,000	PC	3
60	78100002502			retaining ring	1,000	PC	9
70	78100104702			retaining ring	1,000	PC	9
80	75001121803			hexagon-head bolt	1,000	PC	9

film guide  
107535649

packaging machine (RM)\basic machine\film discharger\film guide



film guide

107535649

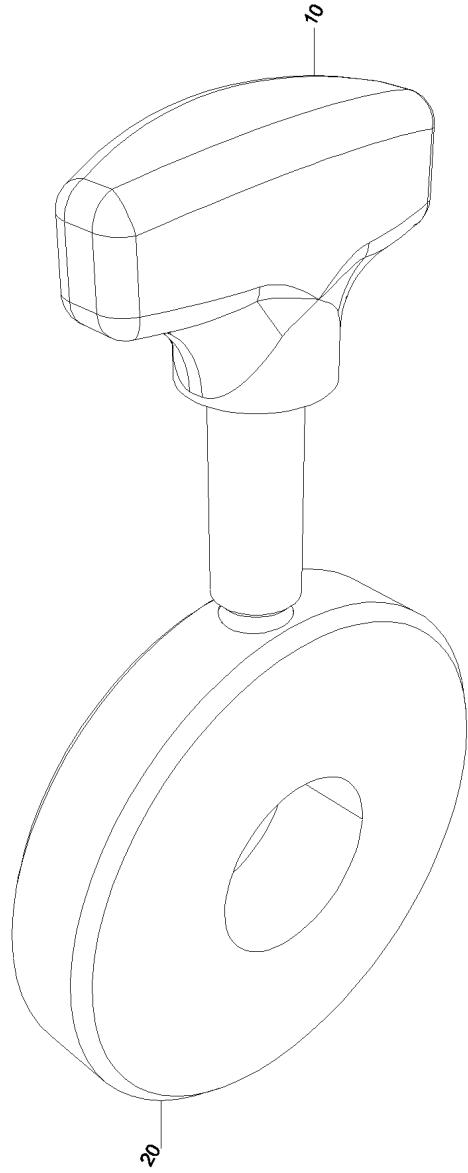
packaging machine (RM)\basic machine\film discharger\film guide



pos	material	document	version	description	quantity	quantity unit	SPC
10	107139743			deflection roller	1,000	PC	9
20	105797079			guide arm	2,000	PC	9
30	106678539			set collar	1,000	PC	9
40	106678526	16000251722	A	set collar	1,000	PC	9
50	106678535	16000251723	0	set collar	1,000	PC	9
60	106579869			set collar	2,000	PC	5
70	101621073			shaft	1,000	PC	9
80	108277528			section	1,000	PC	9
90	105531483			shaft	1,000	PC	9
100	107214412			star grip	1,000	PC	9
110	75001081116			hexagon-head bolt	4,000	PC	9
120	75001060816			hexagon-head bolt	4,000	PC	9

set collar  
106678526

packaging machine (RM)\basic machine\film discharger\film guide\set collar



**set collar  
106678526**

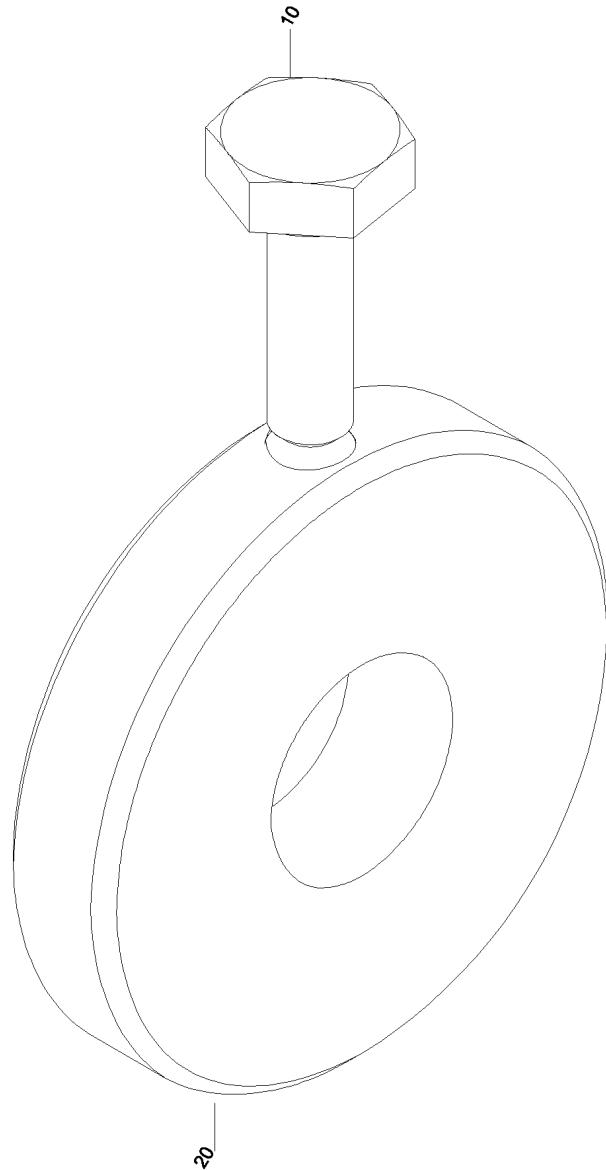
**packaging machine (RM)\basic machine\film discharger\film guid\set collar**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107138594			Wing screw	1,000	PC	9
20	19719111401			set collar	1,000	PC	5

set collar  
106678535

packaging machine (RM)\basic machine\film discharger\film guide\set collar



**set collar**

**106678535**

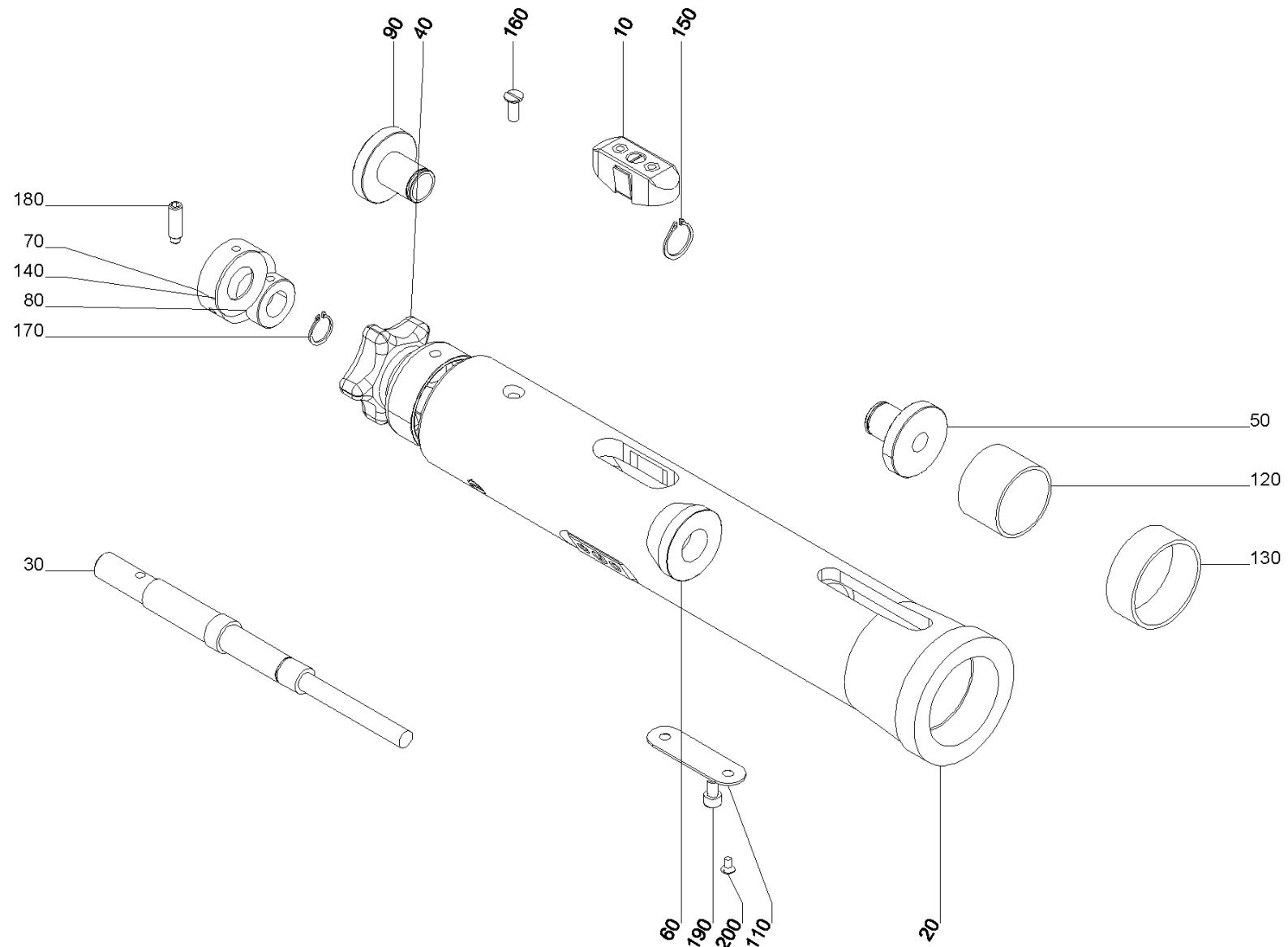
**packaging machine (RM)\basic machine\film discharger\film guid\set collar**



pos	material	document	version	description	quantity	quantity unit	SPC
10	75001061116			hexagon-head bolt	1,000	PC	9
20	19719111401			set collar	1,000	PC	5

holding mandrel  
107857189

packaging machine (RM)\basic machine\film discharger\holding mandrel



## holding mandrel

107857189

packaging machine (RM)\basic machine\film discharger\holding mandrel



pos	material	document	version	description	quantity	quantity unit	SPC
10	11631018902	101872187	A	gripping jaw	3,000	PC	9
20	107857204			mounting tube	1,000	PC	N
30	107857202			arbor	1,000	PC	9
40	107316105			spindle grip	1,000	PC	N
50	11531837403			mounting sleeve	1,000	PC	9
60	11531838730			cone	2,000	PC	9
70	11531841501			spindle nut	1,000	PC	9
80	19719151610			set collar	1,000	PC	5
90	11531837402			mounting sleeve	1,000	PC	9
110	107522423			cover sheet	1,000	PC	N
120	78711104050			DU bush	1,000	PC	5
130	78711115000			DU bush	1,000	PC	5
140	75701040802			disc spring	8,000	PC	9
150	78100002002			retaining ring	2,000	PC	9
160	75021061102			countersunk flat head screw	3,000	PC	9
170	78100001602			retaining ring	1,000	PC	9
180	75055081502			grub screw	2,000	PC	9
190	75010060816			cylindrical screw	1,000	PC	9
200	75021040602			countersunk flat head screw	2,000	PC	9

**gripping jaw**  
11631018902



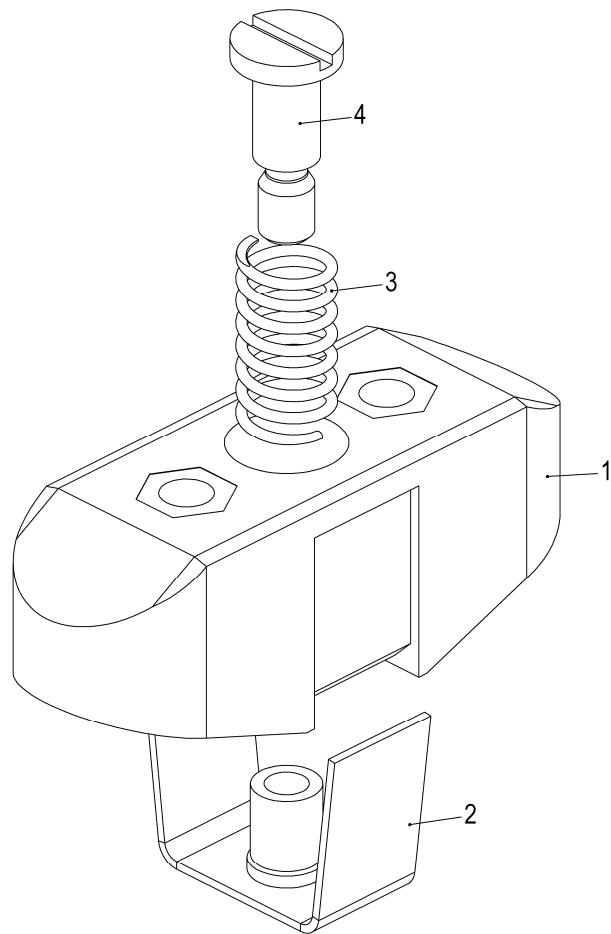
packaging machine (RM)\basic machine\film discharger\holding mandrel\gripping jaw

SYMBOLISCHE  
DARSTELLUNG  
SYMBOLIC  
REPRESENTATION  
SCHEMA  
REPRESENTACION  
SIMBOLICA

Ident-No.	101872187
Index	Name
a	Dreyer

101872187\_klemmbacke

**MULTIVAC**



Klemmbacke	mâchoire
clamping jaw	mordaza de sujeción

**gripping jaw**  
**11631018902**

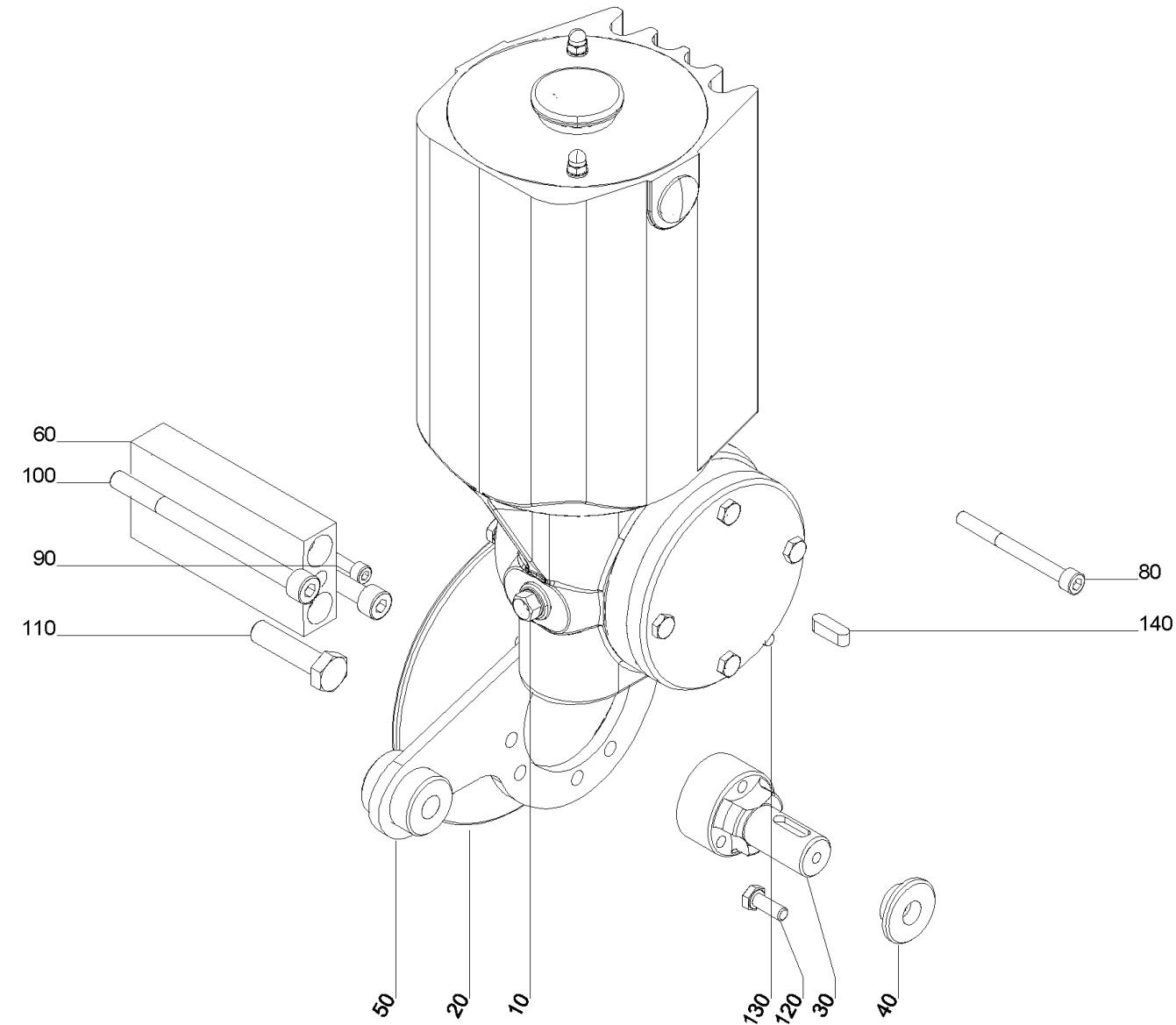
**packaging machine (RM)\basic machine\film discharger\holding mandrel\gripping jaw**



pos	material	document	version	description	quantity	quantity unit	SPC
1	11631068901			gripping jaw	1,000	PC	9
2	11531988812			hoop	1,000	PC	9
3	19781100900			pressure spring	1,000	PC	3
4	11531848901			stud	1,000	PC	9

drive  
105383550

packaging machine (RM)\basic machine\film discharger\drive



drive

105383550

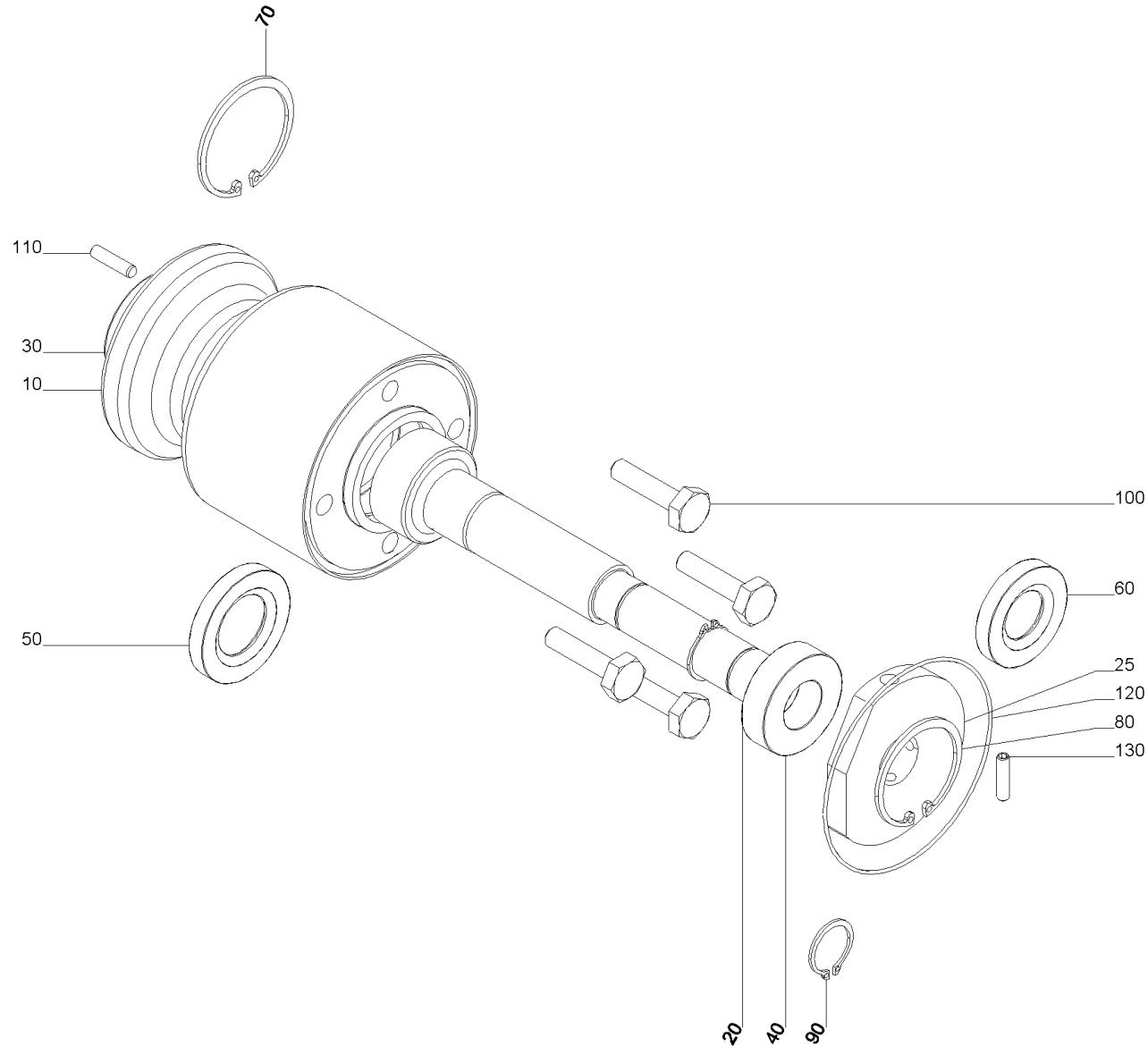
packaging machine (RM)\basic machine\film discharger\drive



pos	material	document	version	description	quantity	quantity unit	SPC
10	105200677			worm gear motor	1,000	PC	3
20	11631030000			brake disc	1,000	PC	9
30	105214995			stud	1,000	PC	9
40	105033533			disk	1,000	PC	9
50	105587779			Torque bracket	1,000	PC	9
60	105587814			mount	1,000	PC	9
80	75010062402			cylindrical screw	1,000	PC	9
90	75010051802			cylindrical screw	3,000	PC	9
100	75010083202			cylindrical screw	2,000	PC	9
110	75001101902			hexagon-head bolt	1,000	PC	9
120	75001061116			hexagon-head bolt	4,000	PC	9
130	75300061402			straight pin	1,000	PC	9
140	75375060830			spline	1,000	PC	9

carrier  
106503462

packaging machine (RM)\basic machine\film discharger\carrier



carrier

106503462

packaging machine (RM)\basic machine\film discharger\carrier

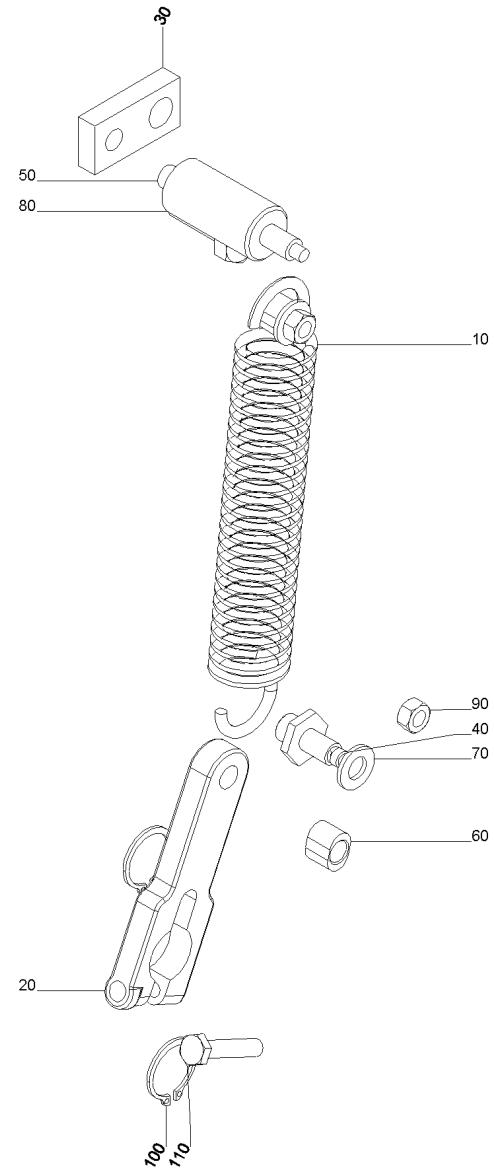


pos	material	document	version	description	quantity	quantity unit	SPC
10	106503473			bearing	1,000	PC	9
20	106195270			shaft	1,000	PC	9
25	105420489			switch ring	1,000	PC	9
30	78500030504			radial deep groove ball bearing	1,000	PC	1
40	78500030404			radial deep groove ball bearing	1,000	PC	1
50	78351025500			radial packing ring	1,000	PC	9
60	78351020200			radial packing ring	1,000	PC	9
70	78100104702			retaining ring	1,000	PC	9
80	78100104202			retaining ring	1,000	PC	9
90	78100002002			retaining ring	2,000	PC	9
100	75001101816			hexagon-head bolt	4,000	PC	9
110	106000440			straight pin	1,000	PC	9
120	78301085300			o-ring	1,000	PC	1
130	75052061302			grub screw	1,000	PC	9

spring suspension  
105420906



packaging machine (RM)\basic machine\film discharger\spring suspension



spring suspension

105420906

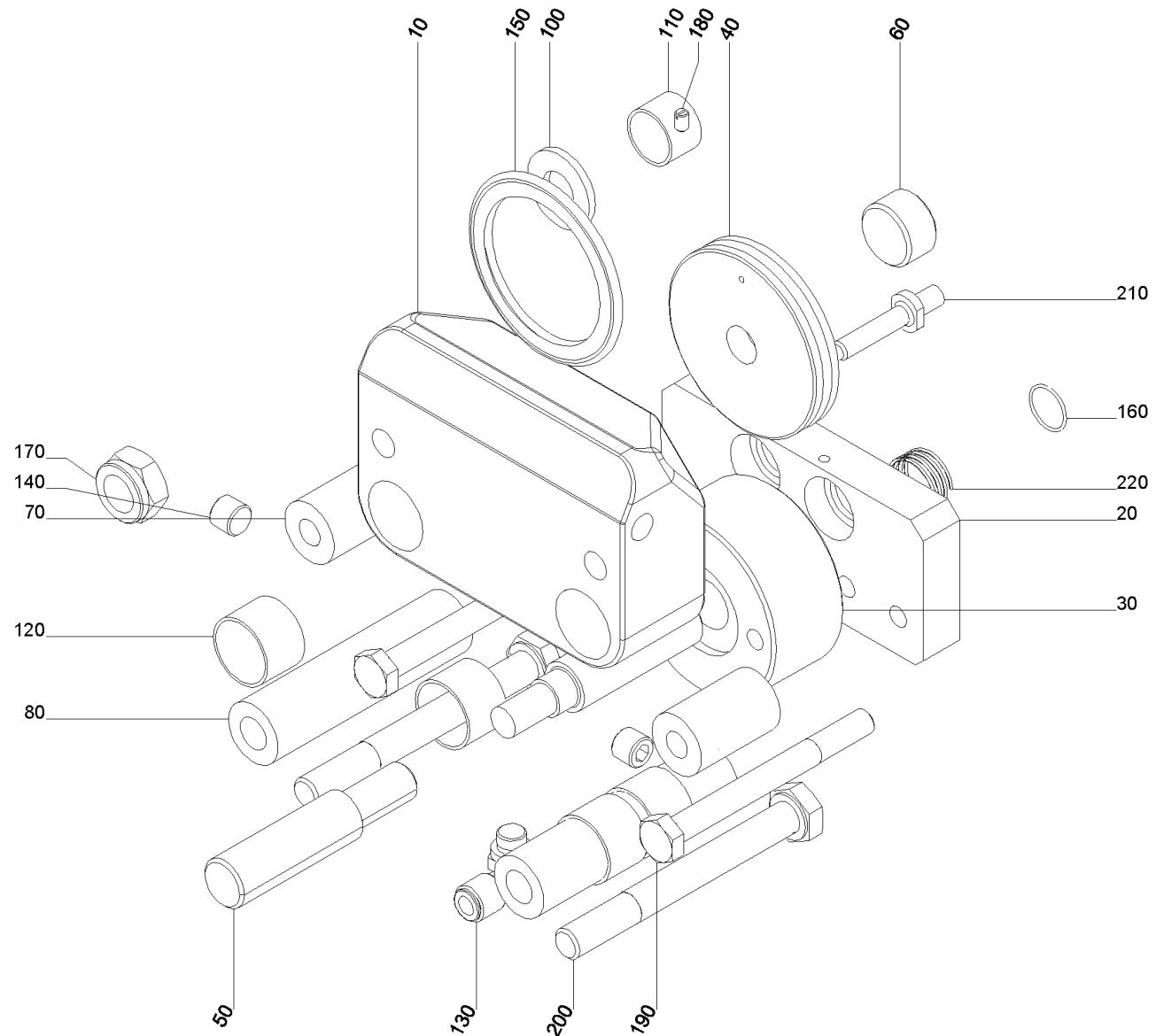
packaging machine (RM)\basic machine\film discharger\spring suspension



pos	material	document	version	description	quantity	quantity unit	SPC
10	19785010000			tension spring set	1,000	PC	3
20	105812761			mount	1,000	PC	9
30	11631061012			bar	1,000	PC	9
40	11631040846			stud	1,000	PC	9
50	105431096			stud	1,000	PC	9
60	106007927			slide bearings	2,000	PC	5
70	75211010802			disk	2,000	PC	9
80	75001101516			hexagon-head bolt	1,000	PC	9
90	75200000602			hexagon nut	2,000	PC	9
100	78100002002			retaining ring	2,000	PC	9
110	75001061702			hexagon-head bolt	1,000	PC	9

disc brake  
105359843

packaging machine (RM)\basic machine\film discharger\disc brake



disc brake

105359843

packaging machine (RM)\basic machine\film discharger\disc brake

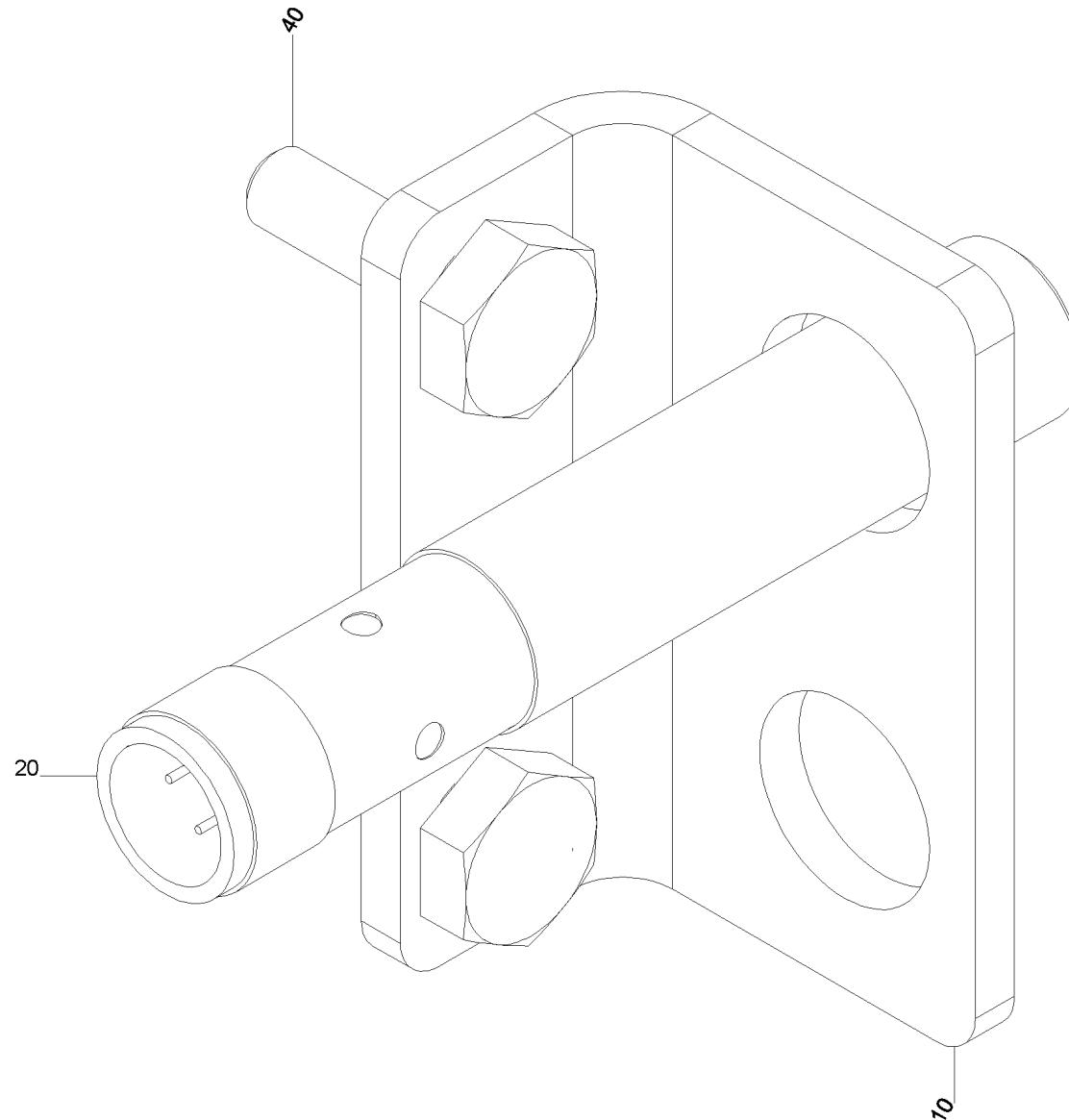


pos	material	document	version	description	quantity	quantity unit	SPC
10	107466125			cylinder	1,000	PC	9
20	11631050600			plate	1,000	PC	9
30	107311539			disk	1,000	PC	5
40	11581938191			piston	1,000	PC	3
50	11631041000			piston rod	1,000	PC	9
60	11531841002			stud	2,000	PC	5
70	19431108750			distance bushing	2,000	PC	9
80	108145589			distance bushing	2,000	PC	9
90	91147512070			adhesive	1,000	PC	5
100	19717112910			disk	1,000	PC	9
110	78721016120			slide bearings	1,000	PC	5
120	78721020150			slide bearings	4,000	PC	5
130	105570956			threaded coupling	1,000	PC	9
140	75206035115			screw plug	2,000	PC	9
150	80209401030			k grooved ring	1,000	PC	1
160	78301012200			o-ring	1,000	PC	1
170	75200201202			hexagon nut	1,000	PC	9
180	107111196			grub screw	2,000	PC	9
190	75000082716			hexagon-head bolt	2,000	PC	9
200	75000102902			hexagon-head bolt	2,000	PC	9
210	106030304			Collar pin	1,000	PC	9
220	19781101800			pressure spring	1,000	PC	3

proximity switch

105420832

packaging machine (RM)\basic machine\film discharger\proximity switch



**proximity switch**

**105420832**

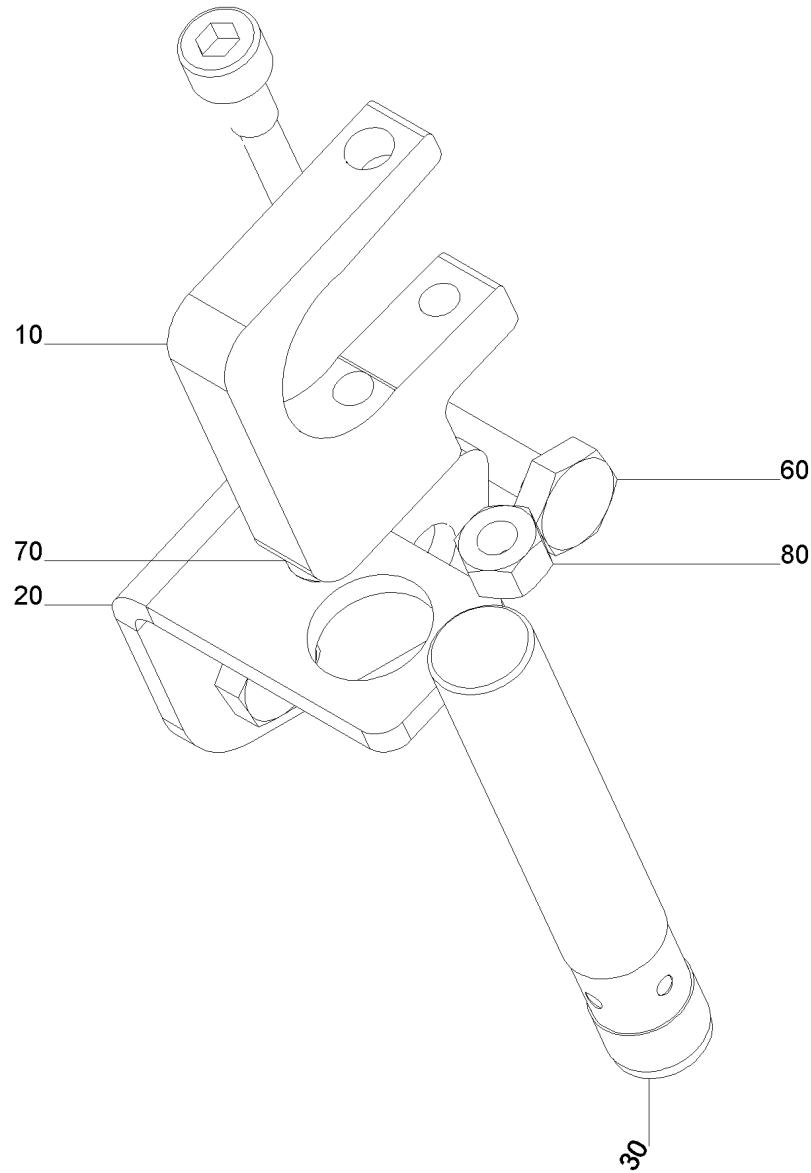
**packaging machine (RM)\basic machine\film discharger\proximity switch**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105420756			bracket	1,000	PC	9
20	85463102502			proximity switch	1,000	PC	3
40	75001061116			hexagon-head bolt	2,000	PC	9

proximity switch  
105431069

packaging machine (RM)\basic machine\film discharger\proximity switch



**proximity switch****105431069**

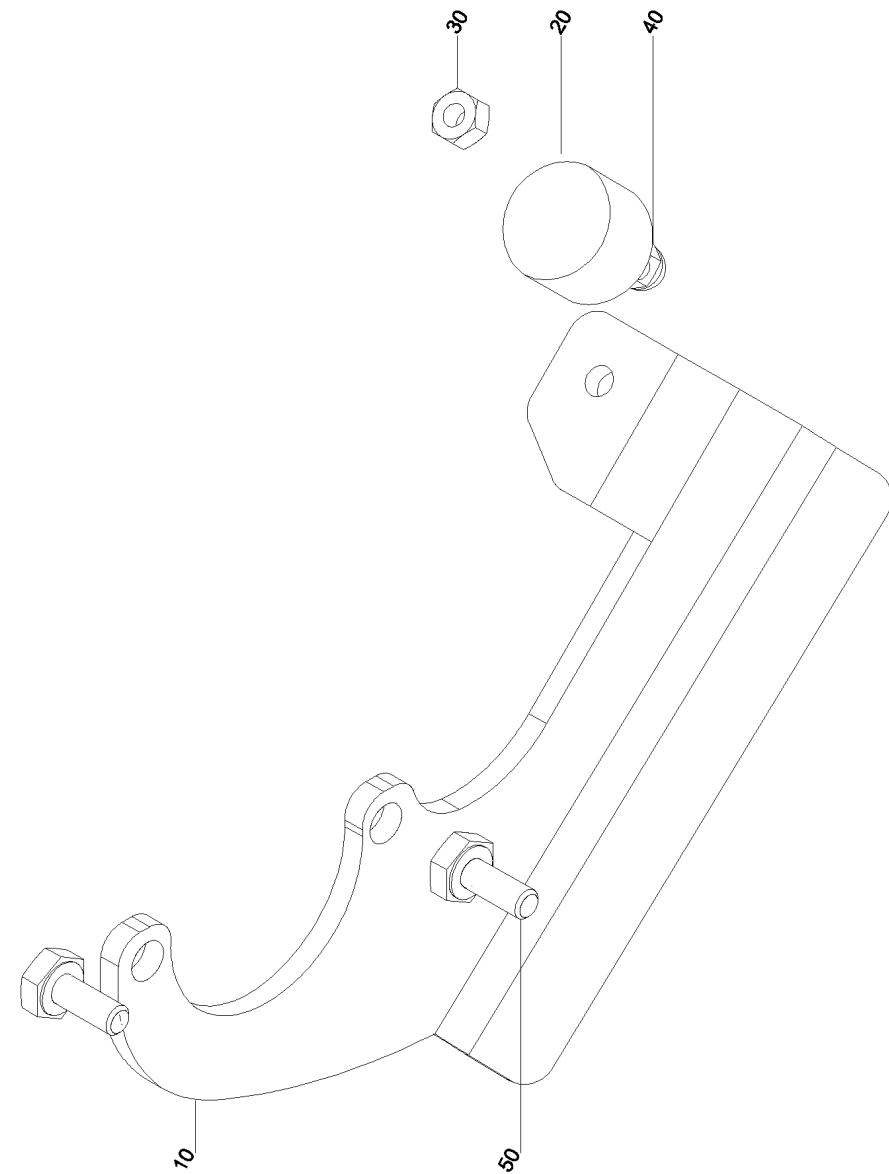
packaging machine (RM)\basic machine\film discharger\proximity switch



pos	material	document	version	description	quantity	quantity unit	SPC
10	106040567			clamping strip	1,000	PC	9
20	105430882			bracket	1,000	PC	9
30	85463102502			proximity switch	1,000	PC	3
60	75001061116			hexagon-head bolt	2,000	PC	9
70	75010051702			cylindrical screw	2,000	PC	9
80	75200000502			hexagon nut	1,000	PC	9

stop limit  
106606097

packaging machine (RM)\basic machine\film discharger\stop limit



**stop limit**  
**106606097**

**packaging machine (RM)\basic machine\film discharger\stop limit**



pos	material	document	version	description	quantity	quantity unit	SPC
10	106503752			stop limit	1,000	PC	9
20	81932113010			rubber metal cushion	1,000	PC	5
30	75200000602			hexagon nut	1,000	PC	9
40	75200300602			cap nut	1,000	PC	9
50	75001081116			hexagon-head bolt	2,000	PC	9

electrical system

106015151

packaging machine (RM)\basic machine\film discharger\electrical system



keine Zeichnung vorhanden  
no drawing available

**electrical system**

106015151

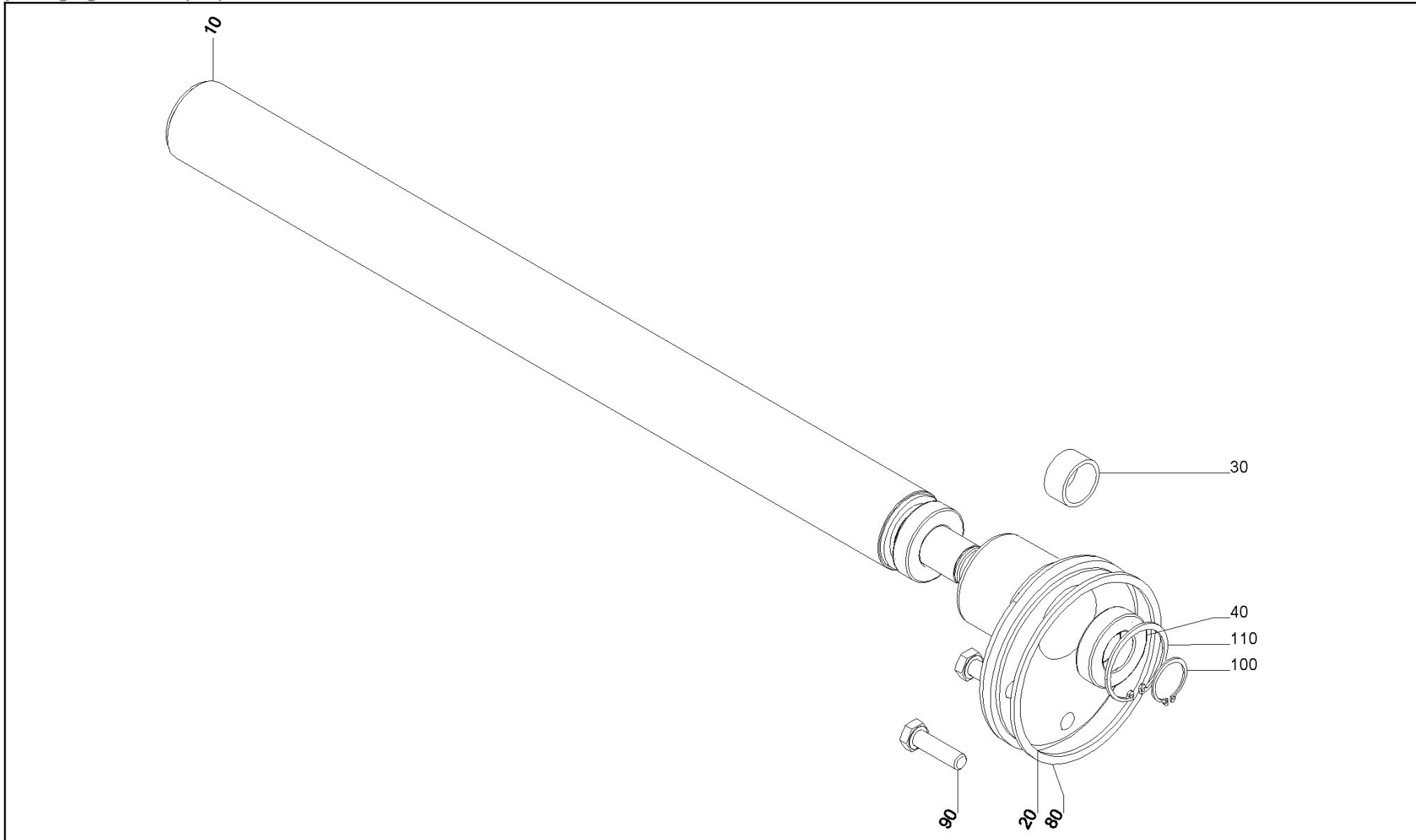
packaging machine (RM)\basic machine\film discharger\electrical system



pos	material	document	version	description	quantity	quantity unit	SPC
10	85219050053			control line	3,000	M	9
20	85131114912			screwed cable gland	1,000	PC	9
30	85121116841			cable lug	7,000	PC	9
100	105902066			signpost	1,000	PC	9

deflection roller  
105599805

packaging machine (RM)\basic machine\deflection roller



**deflection roller**

**105599805**

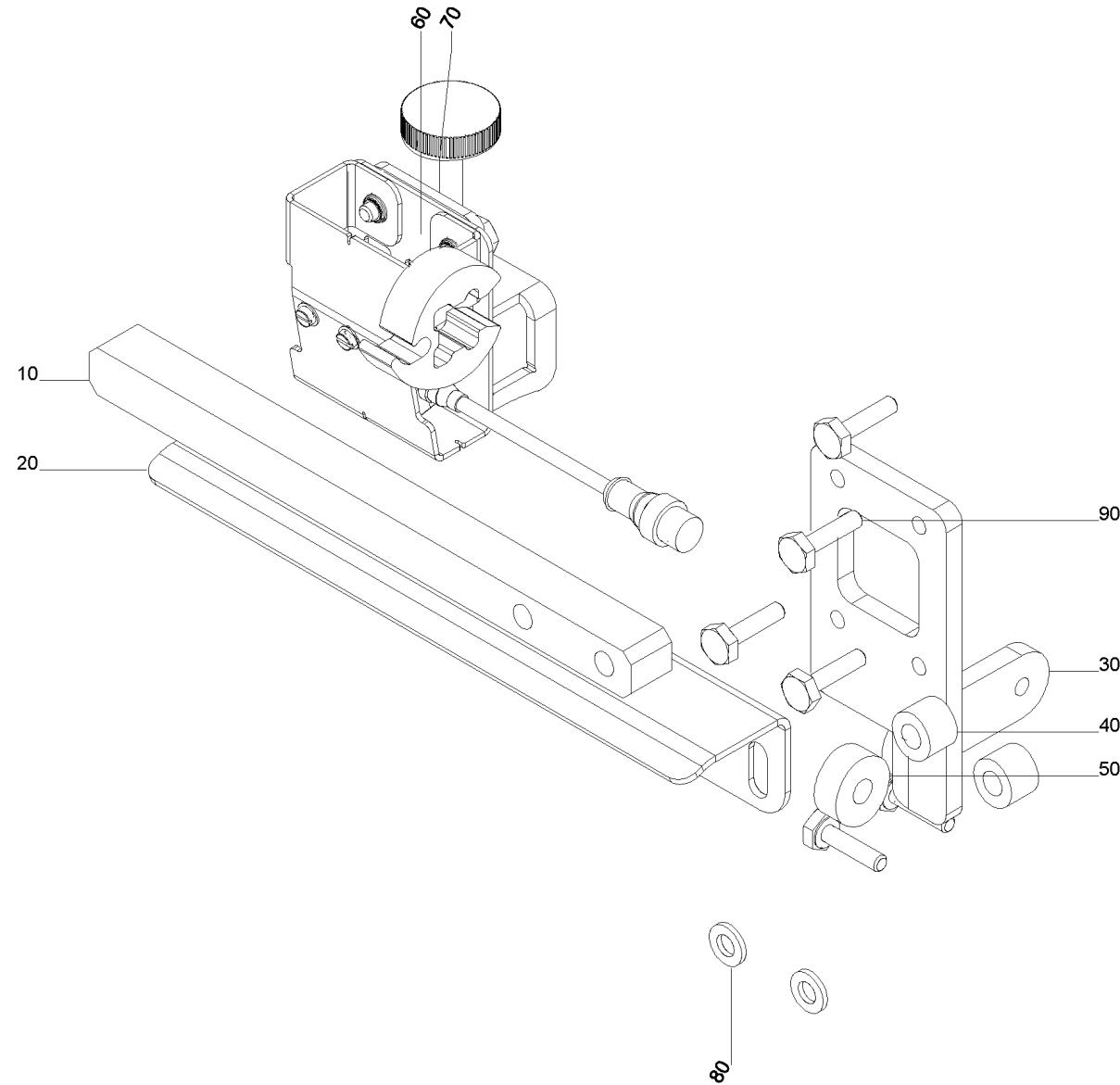
**packaging machine (RM)\basic machine\deflection roller**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105739317			reel	1,000	PC	9
20	107316264			flange	1,000	PC	9
30	19431125800			spacer ring	1,000	PC	5
40	78501030504			radial deep groove ball bearing	2,000	PC	1
80	107193047			flat seal	1,000	PC	5
90	75001101816			hexagon-head bolt	3,000	PC	9
100	78100002502			retaining ring	1,000	PC	9
110	78100104702			retaining ring	1,000	PC	9
120	91147512085			adhesive	0,010	PC	5

splice detector  
105950779

packaging machine (RM)\basic machine\splice detector



splice detector

105950779

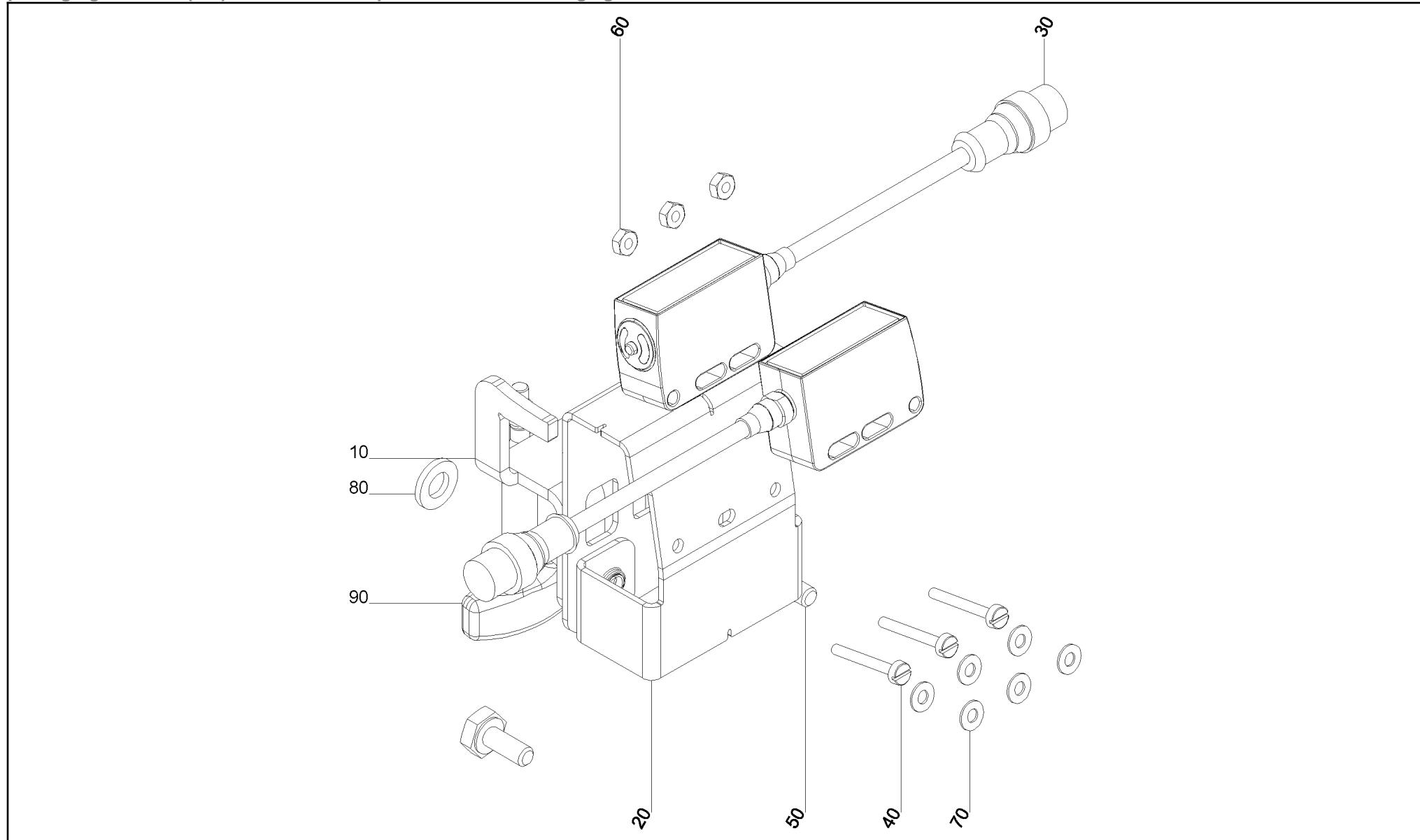
packaging machine (RM)\basic machine\splice detector



pos	material	document	version	description	quantity	quantity unit	SPC
10	105597468			square rod	1,000	PC	9
20	105597651			bracket	1,000	PC	9
30	105601180			mount	1,000	PC	9
40	19389001000			distance bushing	2,000	PC	9
50	105212994			distance bushing	2,000	PC	9
60	105800402			cable holder	1,000	PC	9
70	105942405	16000091534	G	reflecting light button	1,000	PC	5
80	75211010602			disk	2,000	PC	9
90	75001061316			hexagon-head bolt	6,000	PC	9

reflecting light button  
105942405

packaging machine (RM)\basic machine\splice detector\reflecting light button



reflecting light button

105942405

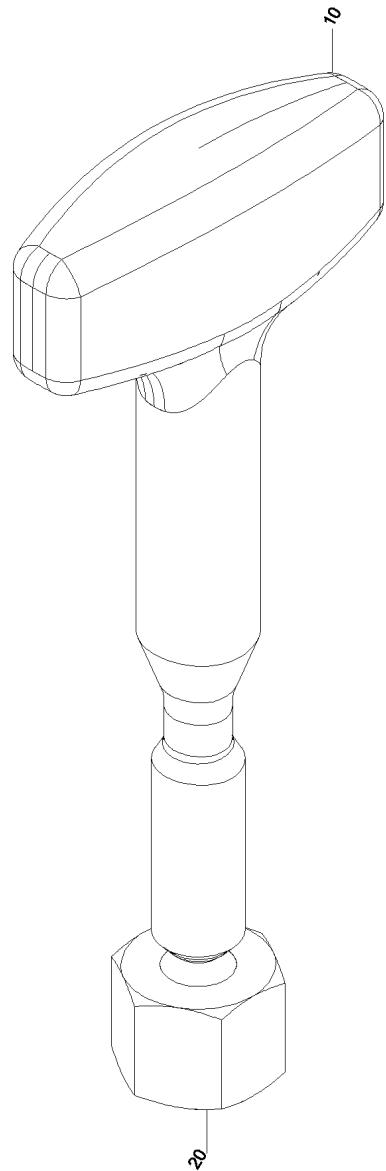
packaging machine (RM)\basic machine\splice detector\reflecting light button



pos	material	document	version	description	quantity	quantity unit	SPC
10	107893257			bracket	1,000	PC	9
20	106078936			mount	1,000	PC	9
30	105927872			reflecting light button	1,000	PC	3
40	75015031302			cylindrical screw	2,000	PC	9
50	75001060916			hexagon-head bolt	2,000	PC	9
60	75200000302			hexagon nut	2,000	PC	9
70	75211010302			disk	4,000	PC	9
80	75211010602			disk	2,000	PC	9
90	107916060	16000636435	A	Wing screw	1,000	PC	9

Wing screw  
107916060

packaging machine (RM)\basic machine\splice detector\reflecting light button\Wing screw



**Wing screw**

**107916060**

**packaging machine (RM)\basic machine\splice detector\reflecting light button\Wing screw**

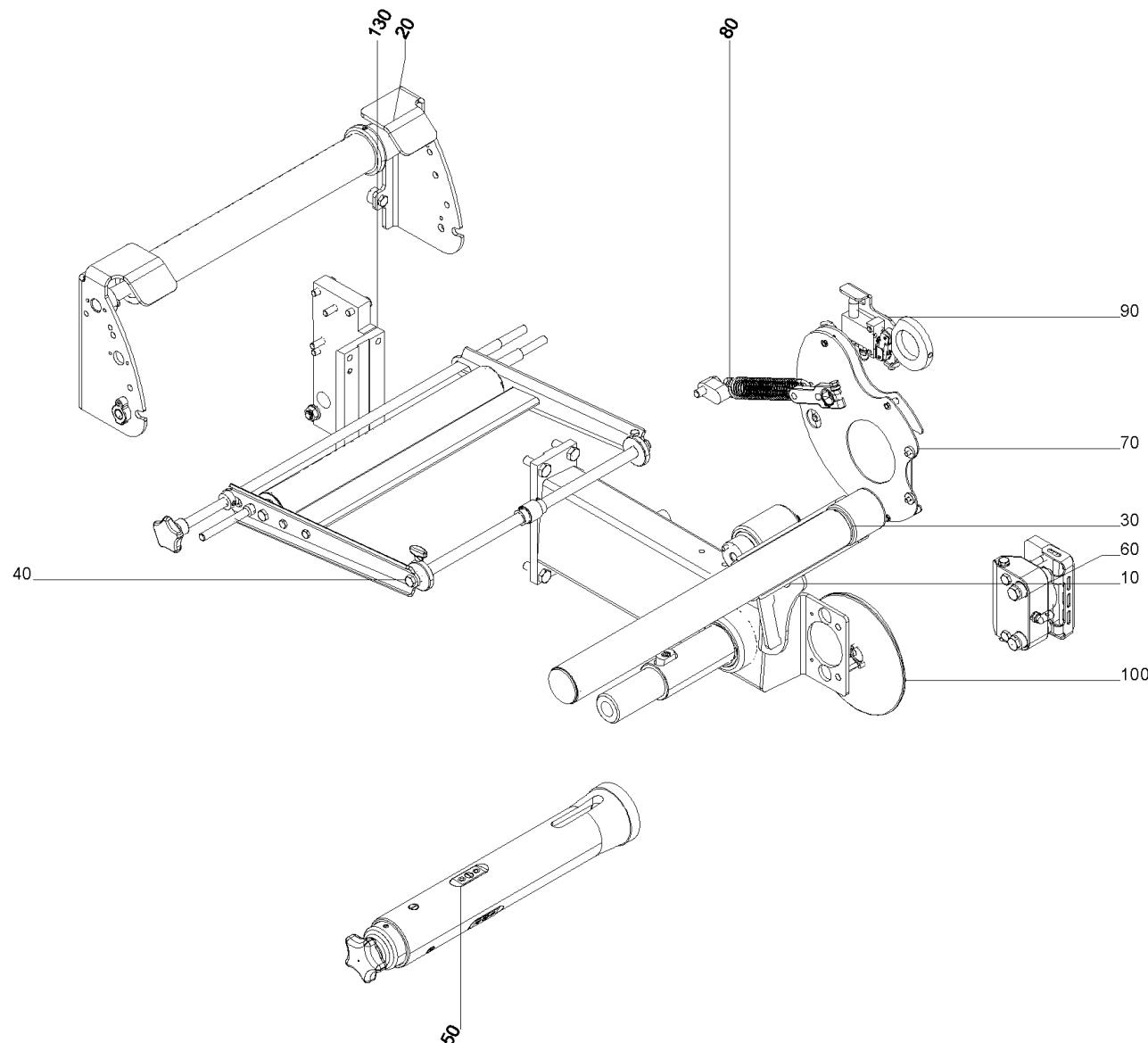


pos	material	document	version	description	quantity	quantity unit	SPC
10	107915273			Wing screw	1,000	PC	9
20	75200290602			cap nut	1,000	PC	9
30	91147512070			adhesive	0,010	PC	5

film discharger

108090467

packaging machine (RM)\basic machine\film discharger



film discharger

108090467

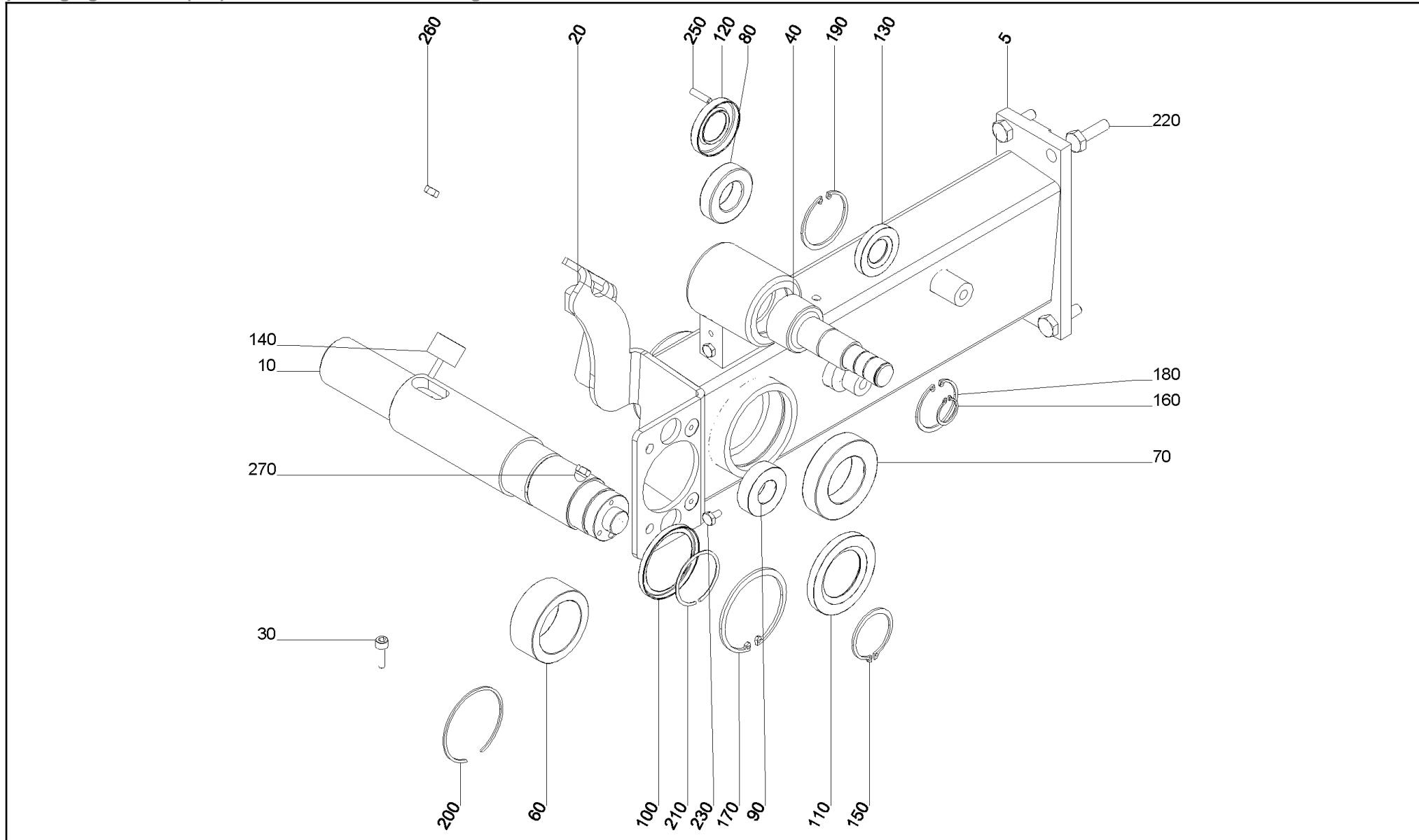
packaging machine (RM)\basic machine\film discharger



pos	material	document	version	description	quantity	quantity unit	SPC
10	107506201	16000458673	A	carrier	1,000	PC	9
20	107695092	16000504681	B	deflection roller	1,000	PC	9
30	107660521	16000497085	A	swing arm	1,000	PC	9
40	107349020	16000422890	D	film guide	1,000	PC	9
50	107857189	16000539996	E	holding mandrel	1,000	PC	9
60	106603720	16000235947	G	disc brake	1,000	PC	9
70	105439584			cover	1,000	PC	9
80	105438865	16000028442	B	spring suspension	1,000	PC	9
90	105438317	16000028445	D	valve	1,000	PC	9
100	105438669			brake disc	1,000	PC	9
130	107592005	16000480205	0	carrier	1,000	PC	9

carrier  
107506201

packaging machine (RM)\basic machine\film discharger\carrier



carrier

107506201

packaging machine (RM)\basic machine\film discharger\carrier

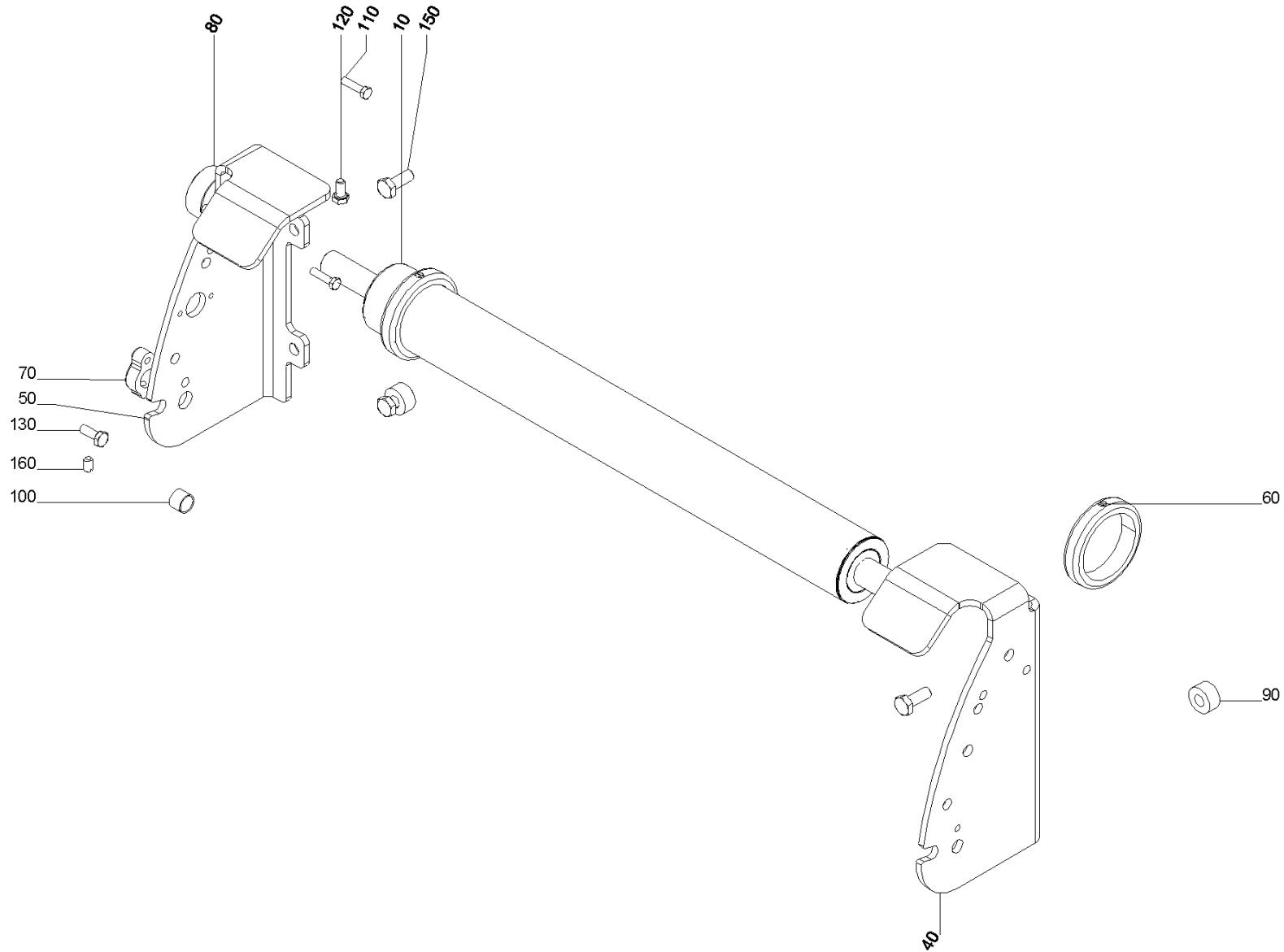


pos	material	document	version	description	quantity	quantity unit	SPC
5	106610133			carrier	1,000	PC	9
10	107288325			shaft	1,000	PC	9
20	107286500			female connector	1,000	PC	N
30	75010061316			cylindrical screw	1,000	PC	9
40	106102188			shaft	1,000	PC	9
60	78534504500			needle bearing	1,000	PC	9
70	78500030800			radial deep groove ball bearing	1,000	PC	1
80	78500030504			radial deep groove ball bearing	1,000	PC	1
90	78500030404			radial deep groove ball bearing	1,000	PC	1
100	78351050200			radial packing ring	1,000	PC	9
110	78351040300			radial packing ring	1,000	PC	9
120	78351025500			radial packing ring	1,000	PC	9
130	78351020200			radial packing ring	1,000	PC	9
140	81932113010			rubber metal cushion	1,000	PC	5
150	78100004002			retaining ring	1,000	PC	9
160	78100002002			retaining ring	1,000	PC	9
170	78100106802			retaining ring	1,000	PC	9
180	78100104202			retaining ring	1,000	PC	9
190	78100104702			retaining ring	1,000	PC	9
200	105420429			circlip	1,000	PC	9
210	78101004502			circlip	1,000	PC	9
220	75001101702			hexagon-head bolt	4,000	PC	9
230	75001060816			hexagon-head bolt	2,000	PC	9
250	106000440			straight pin	1,000	PC	9
260	75200000602			hexagon nut	1,000	PC	9
270	75200300602			cap nut	1,000	PC	9

deflection roller  
107695092



packaging machine (RM)\basic machine\film discharger\deflection roller



## deflection roller

107695092

packaging machine (RM)\basic machine\film discharger\deflection roller

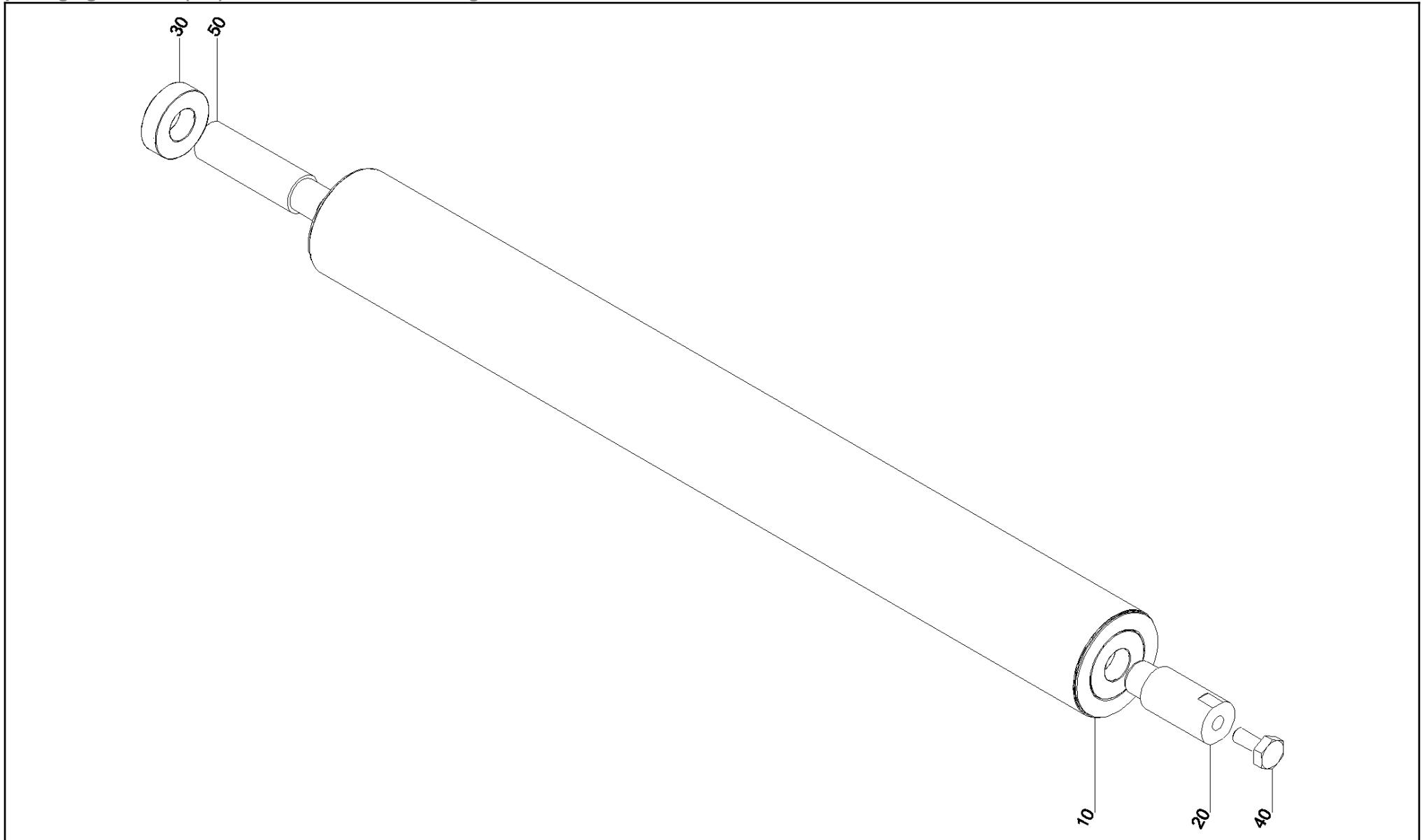


pos	material	document	version	description	quantity	quantity unit	SPC
10	107695090	16000504678	A	deflection roller	1,000	PC	9
40	107957205			bracket	1,000	PC	9
50	107956712			bracket	1,000	PC	9
60	106036145			set collar	2,000	PC	9
70	106603551			set collar	1,000	PC	9
80	105787773			set collar	1,000	PC	9
90	19431109900			female connector	4,000	PC	9
100	78722012100			slide bearings	1,000	PC	5
110	75001051316			hexagon-head bolt	2,000	PC	9
120	75001060902			hexagon-head bolt	1,000	PC	9
130	75001061116			hexagon-head bolt	1,000	PC	9
150	75001081316			hexagon-head bolt	4,000	PC	9
160	107111243			grub screw	1,000	PC	9

deflection roller  
107695090



packaging machine (RM)\basic machine\film discharger\deflection roller\deflection roller



**deflection roller**

**107695090**

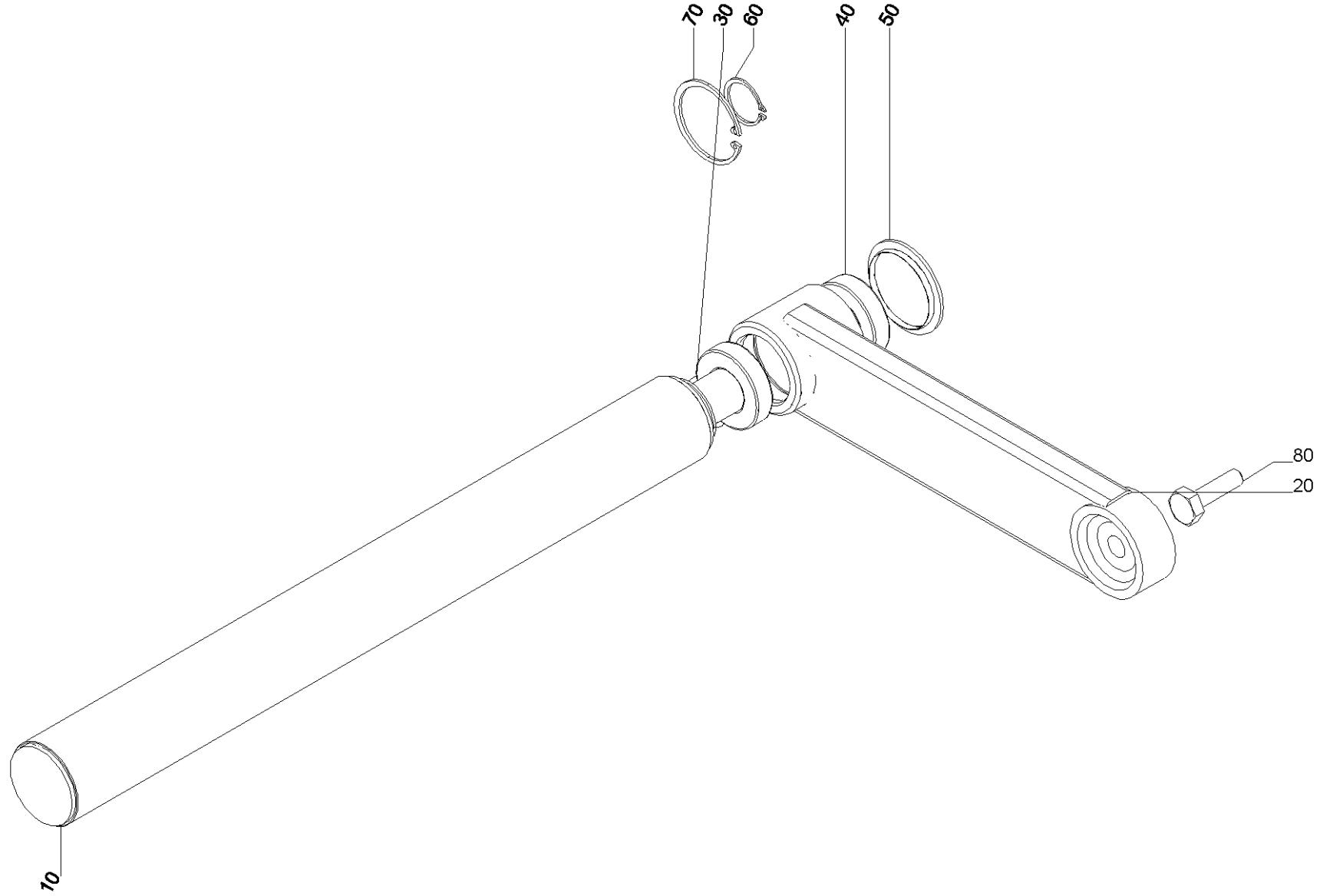
**packaging machine (RM)\basic machine\film discharger\deflection roller\deflection roller**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107163507			deflection roller	1,000	PC	9
20	107121879			stud	1,000	PC	9
30	78501030204			radial deep groove ball bearing	2,000	PC	3
40	75001081116			hexagon-head bolt	1,000	PC	9
50	107072697			stud	1,000	PC	9

swing arm  
107660521

packaging machine (RM)\basic machine\film discharger\swing arm



**swing arm**

**107660521**

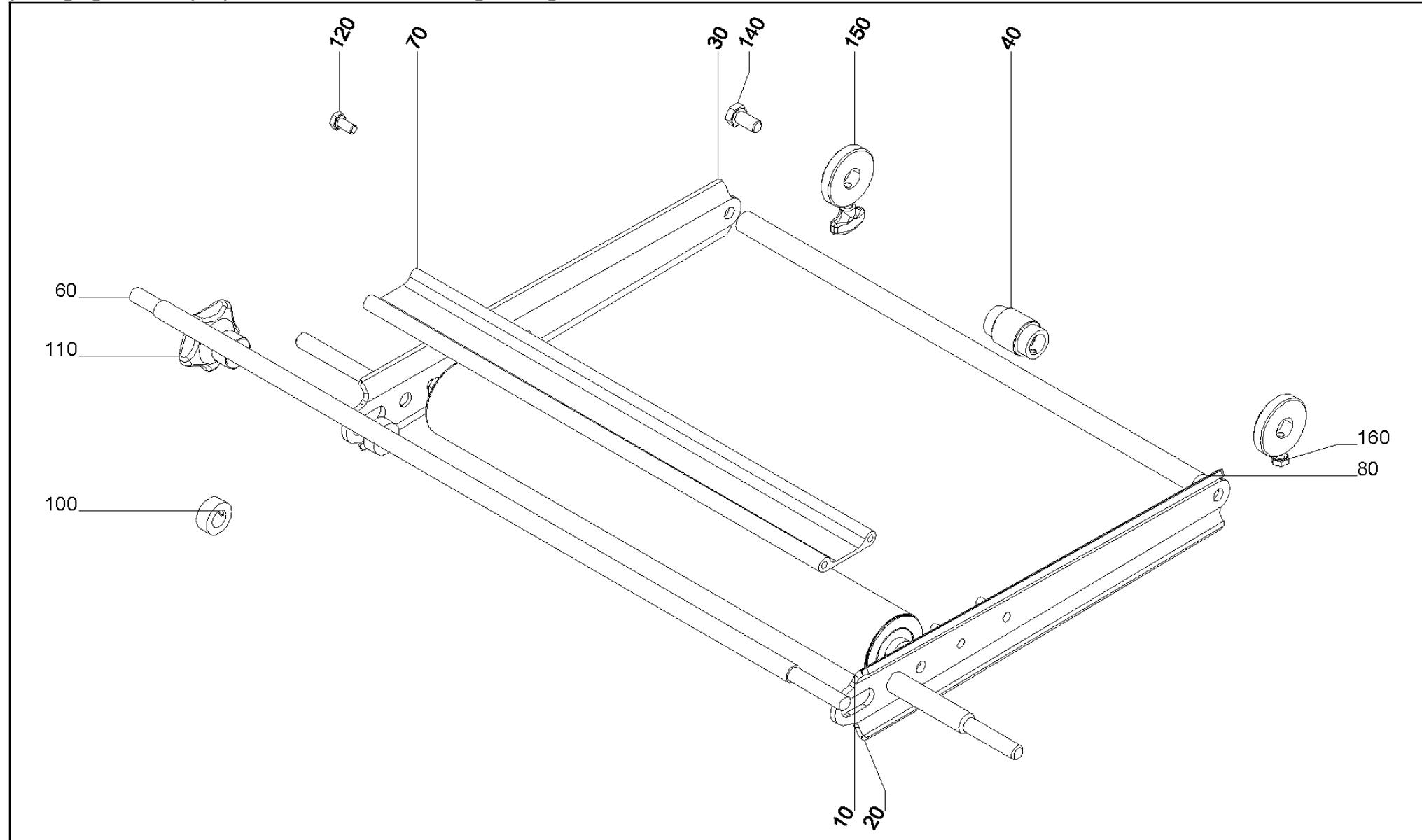
**packaging machine (RM)\basic machine\film discharger\swing arm**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105739316			reel	1,000	PC	9
20	106198682			swing arm	1,000	PC	9
30	19431125800			spacer ring	1,000	PC	5
40	78501030504			radial deep groove ball bearing	2,000	PC	1
50	81961801303			cover cap	1,000	PC	3
60	78100002502			retaining ring	1,000	PC	9
70	78100104702			retaining ring	1,000	PC	9
80	75001121803			hexagon-head bolt	1,000	PC	9

film guide  
107349020

packaging machine (RM)\basic machine\film discharger\film guide



film guide  
107349020

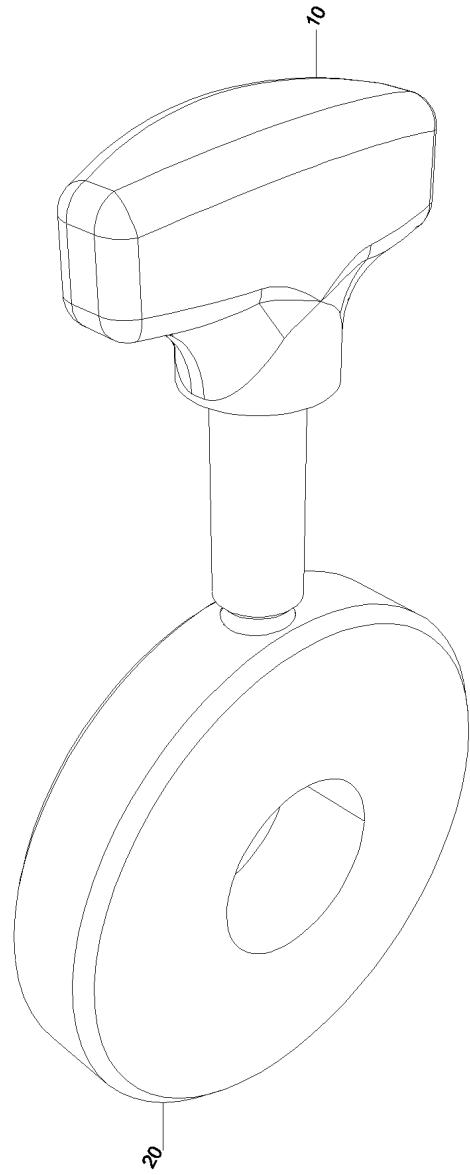


packaging machine (RM)\basic machine\film discharger\film guide

pos	material	document	version	description	quantity	quantity unit	SPC
10	107139742			deflection roller	1,000	PC	9
20	105824187			guide arm	1,000	PC	9
30	105850180			guide arm	1,000	PC	9
40	106678539			set collar	1,000	PC	9
60	101621073			shaft	1,000	PC	N
70	108277537			section	1,000	PC	9
80	105544821			shaft	1,000	PC	9
100	106579869			set collar	2,000	PC	5
110	107214412			star grip	1,000	PC	9
120	75001060816			hexagon-head bolt	4,000	PC	9
140	75001081116			hexagon-head bolt	4,000	PC	9
150	106678526	16000251722	A	set collar	1,000	PC	9
160	106678535	16000251723	0	set collar	1,000	PC	9

set collar  
106678526

packaging machine (RM)\basic machine\film discharger\film guide\set collar



**set collar  
106678526**

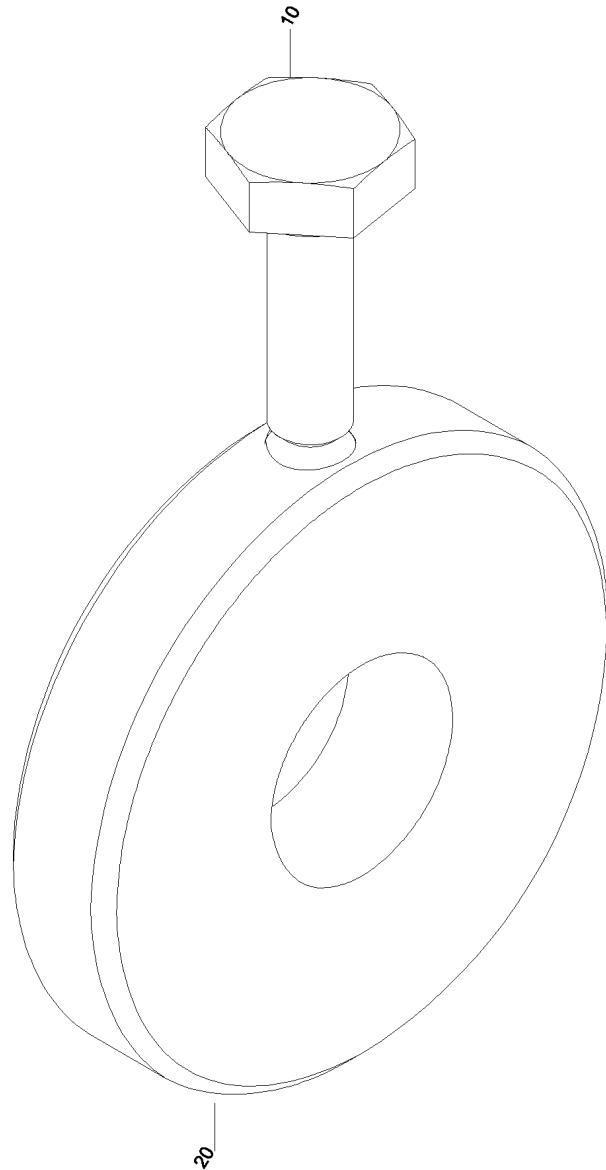
**packaging machine (RM)\basic machine\film discharger\film guid\set collar**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107138594			Wing screw	1,000	PC	9
20	19719111401			set collar	1,000	PC	5

set collar  
106678535

packaging machine (RM)\basic machine\film discharger\film guide\set collar



**set collar**  
**106678535**

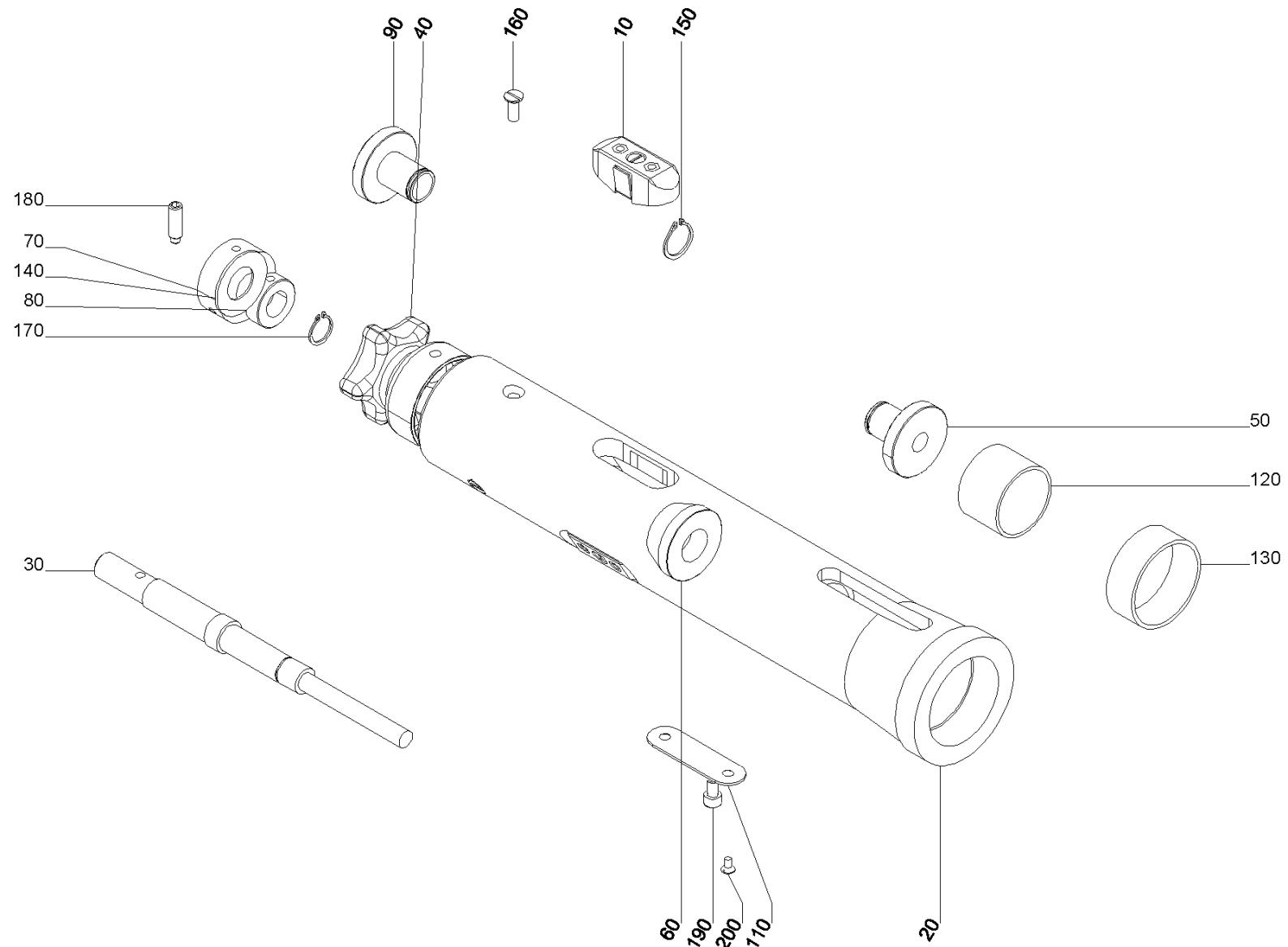
**packaging machine (RM)\basic machine\film discharger\film guid\set collar**



pos	material	document	version	description	quantity	quantity unit	SPC
10	75001061116			hexagon-head bolt	1,000	PC	9
20	19719111401			set collar	1,000	PC	5

holding mandrel  
107857189

packaging machine (RM)\basic machine\film discharger\holding mandrel



## holding mandrel

107857189

packaging machine (RM)\basic machine\film discharger\holding mandrel



pos	material	document	version	description	quantity	quantity unit	SPC
10	11631018902	101872187	A	gripping jaw	3,000	PC	9
20	107857204			mounting tube	1,000	PC	N
30	107857202			arbor	1,000	PC	9
40	107316105			spindle grip	1,000	PC	N
50	11531837403			mounting sleeve	1,000	PC	9
60	11531838730			cone	2,000	PC	9
70	11531841501			spindle nut	1,000	PC	9
80	19719151610			set collar	1,000	PC	5
90	11531837402			mounting sleeve	1,000	PC	9
110	107522423			cover sheet	1,000	PC	N
120	78711104050			DU bush	1,000	PC	5
130	78711115000			DU bush	1,000	PC	5
140	75701040802			disc spring	8,000	PC	9
150	78100002002			retaining ring	2,000	PC	9
160	75021061102			countersunk flat head screw	3,000	PC	9
170	78100001602			retaining ring	1,000	PC	9
180	75055081502			grub screw	2,000	PC	9
190	75010060816			cylindrical screw	1,000	PC	9
200	75021040602			countersunk flat head screw	2,000	PC	9

**gripping jaw**  
11631018902



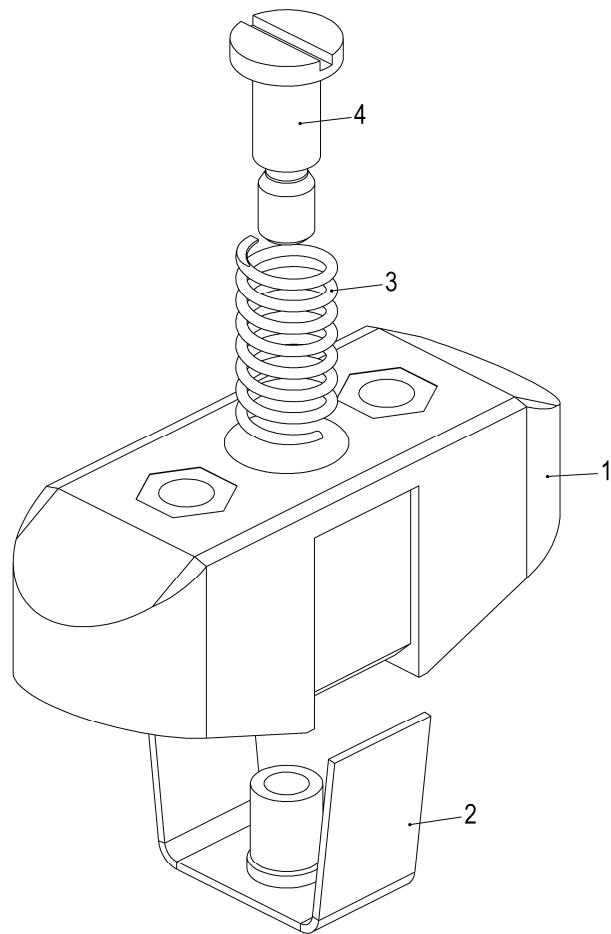
packaging machine (RM)\basic machine\film discharger\holding mandrel\gripping jaw

SYMBOLISCHE  
DARSTELLUNG  
SYMBOLIC  
REPRESENTATION  
SCHEMA  
REPRESENTACION  
SIMBOLICA

Ident-No.	101872187
Index	Name
a	Dreyer

101872187\_klemmbacke

**MULTIVAC**



Klemmbacke	mâchoire
clamping jaw	mordaza de sujeción

**gripping jaw**  
**11631018902**

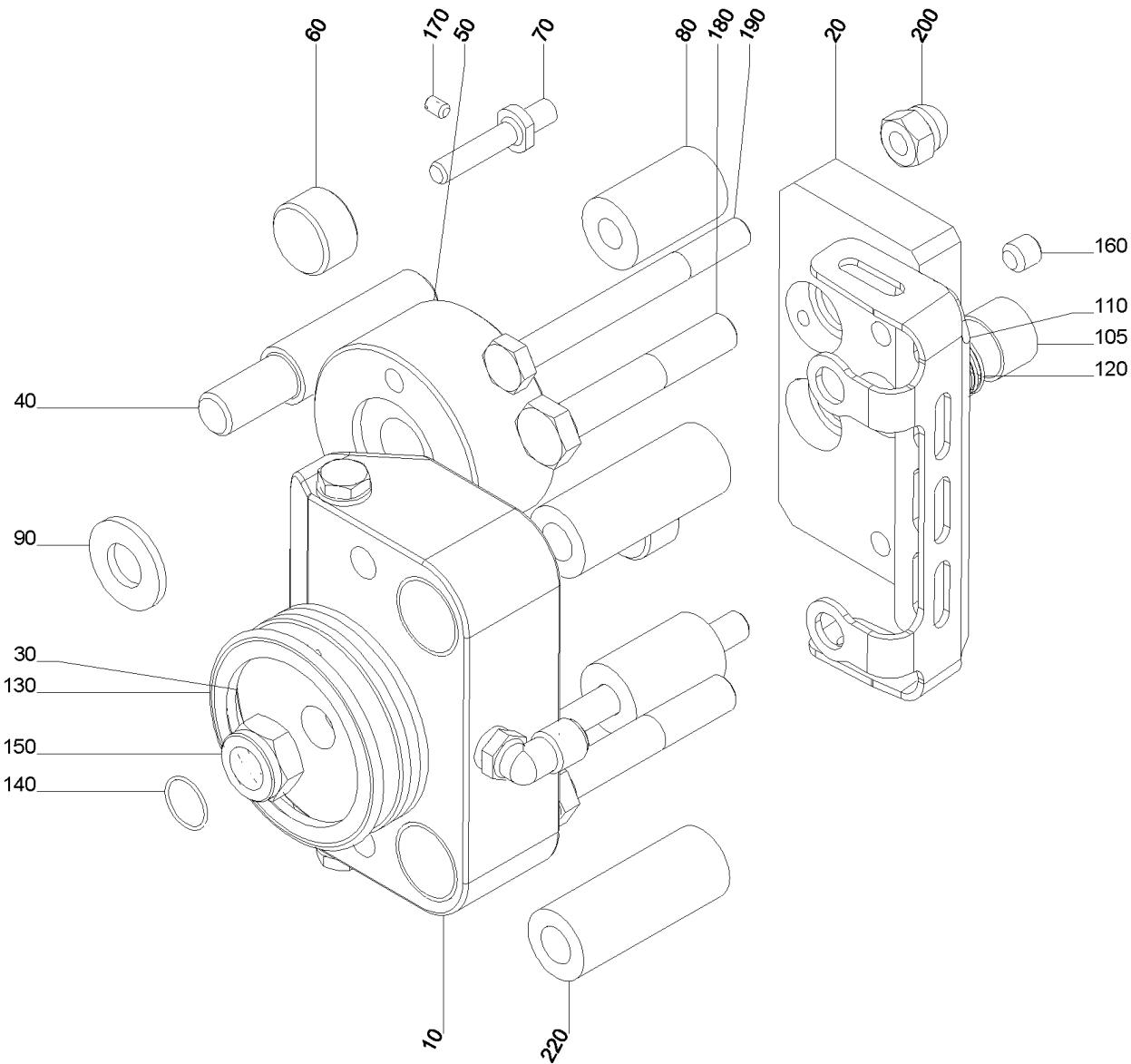
**packaging machine (RM)\basic machine\film discharger\holding mandrel\gripping jaw**



pos	material	document	version	description	quantity	quantity unit	SPC
1	11631068901			gripping jaw	1,000	PC	9
2	11531988812			hoop	1,000	PC	9
3	19781100900			pressure spring	1,000	PC	3
4	11531848901			stud	1,000	PC	9

disc brake  
106603720

packaging machine (RM)\basic machine\film discharger\disc brake



disc brake

106603720

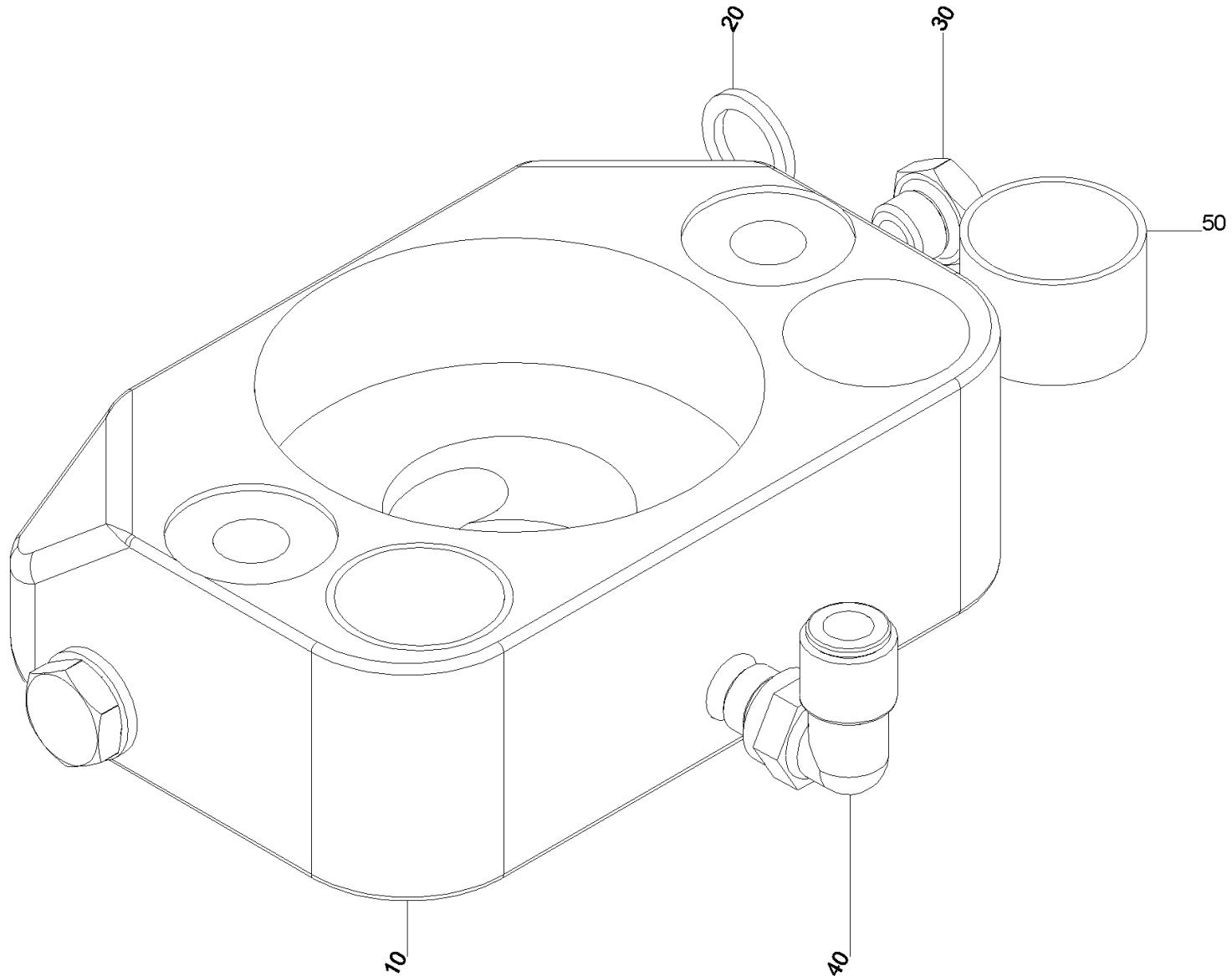
packaging machine (RM)\basic machine\film discharger\disc brake



pos	material	document	version	description	quantity	quantity unit	SPC
10	107735611	16000515146	0	cylinder lid	1,000	PC	9
20	11631050600			plate	1,000	PC	9
30	11581938191			piston	1,000	PC	3
40	11631041000			piston rod	1,000	PC	9
50	107311539			disk	1,000	PC	5
60	11531841002			stud	2,000	PC	5
70	106030304			Collar pin	1,000	PC	9
80	19431108750			distance bushing	2,000	PC	9
90	19717112910			disk	1,000	PC	9
105	78721016120			slide bearings	1,000	PC	5
110	107454703			safety guard	1,000	PC	9
120	19781101800			pressure spring	1,000	PC	3
130	80209401030			k grooved ring	1,000	PC	5
140	78301012200			o-ring	1,000	PC	1
150	75200201202			hexagon nut	1,000	PC	1
160	75052080602			grub screw	1,000	PC	9
170	107111196			grub screw	2,000	PC	9
180	75000102402			hexagon-head bolt	2,000	PC	9
190	75000082716			hexagon-head bolt	2,000	PC	9
200	75200300802			cap nut	1,000	PC	9
210	91147512070			adhesive	1,000	PC	9
220	108145600			distance bushing	2,000	PC	9

cylinder lid  
107735611

packaging machine (RM)\basic machine\film discharger\disc brake\cylinder lid



cylinder lid

107735611

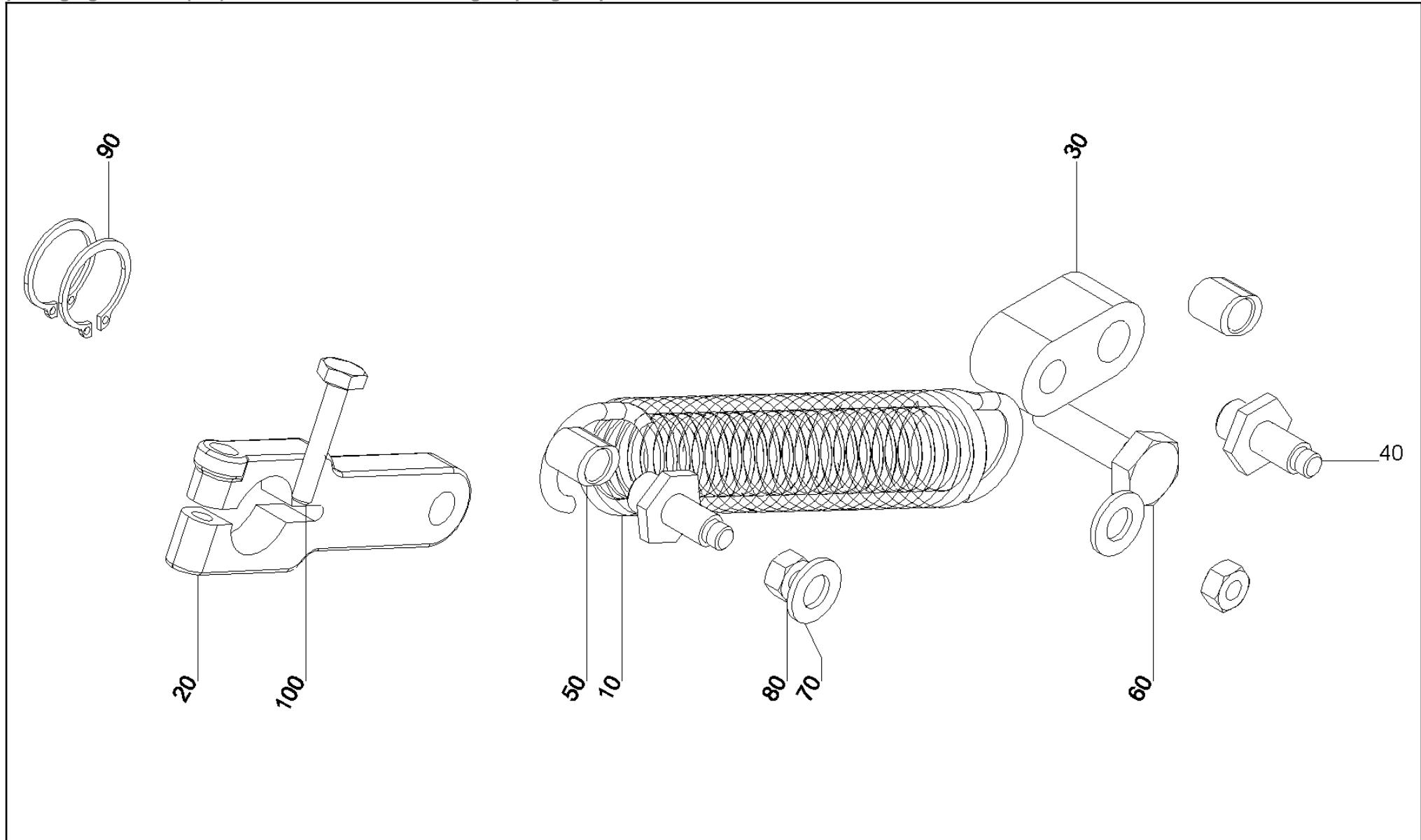
packaging machine (RM)\basic machine\film discharger\disc brake\cylinder lid



pos	material	document	version	description	quantity	quantity unit	SPC
10	107466125			cylinder	1,000	PC	9
20	81141806522			sealing ring	2,000	PC	9
30	75206091200			screw plug	2,000	PC	9
40	105570956			threaded coupling	1,000	PC	9
50	78722020140			slide bearings	4,000	PC	5

spring suspension  
105438865

packaging machine (RM)\basic machine\film discharger\spring suspension



spring suspension

105438865

packaging machine (RM)\basic machine\film discharger\spring suspension

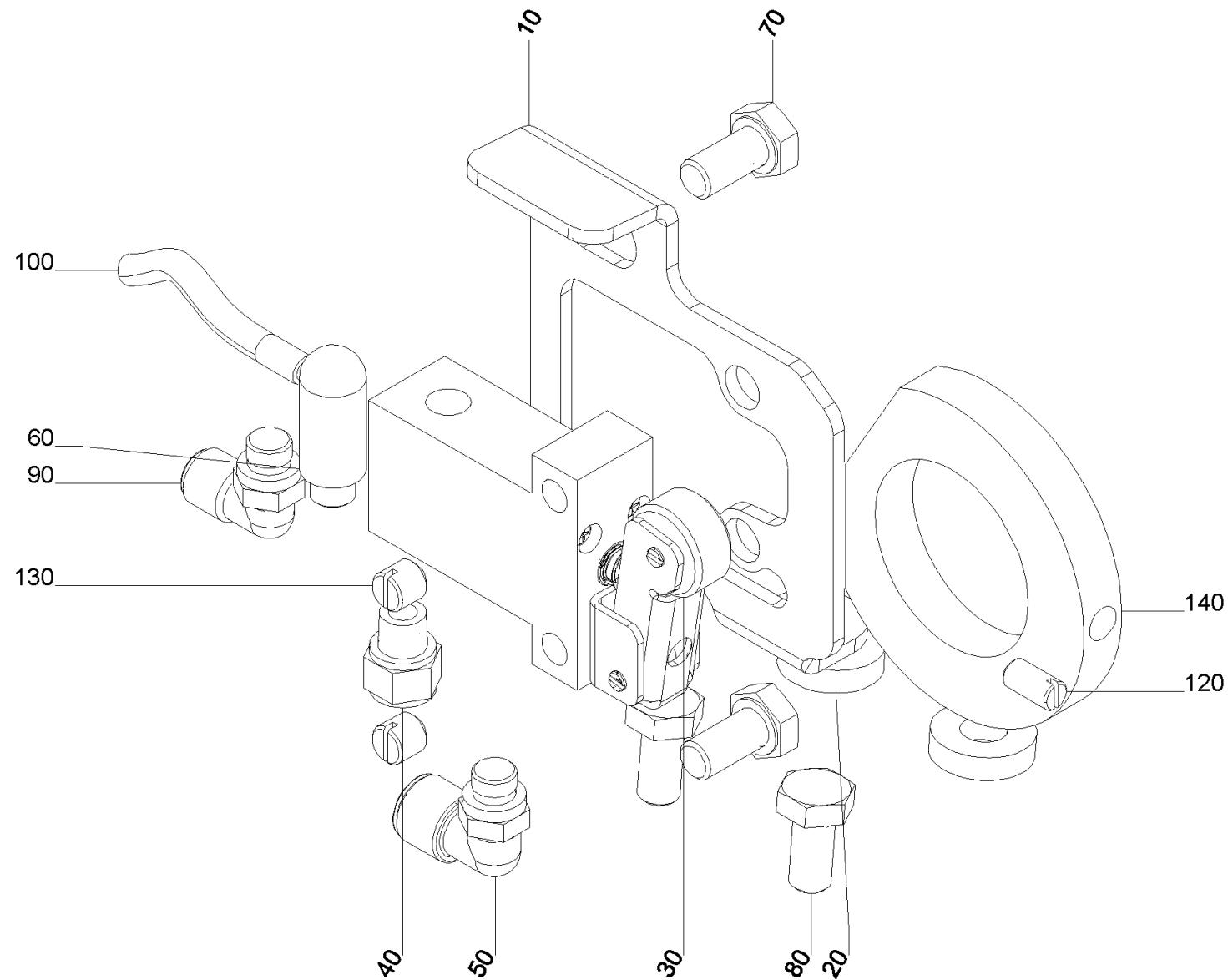


pos	material	document	version	description	quantity	quantity unit	SPC
10	19785010000			tension spring set	1,000	PC	3
20	105812761			mount	1,000	PC	9
30	105437629			bar	1,000	PC	9
40	11631040846			stud	2,000	PC	9
50	106007927			slide bearings	2,000	PC	5
60	75001101702			hexagon-head bolt	1,000	PC	9
70	75211010802			disk	2,000	PC	9
80	75200000602			hexagon nut	2,000	PC	9
90	78100002002			retaining ring	2,000	PC	9
100	75001061716			hexagon-head bolt	1,000	PC	9

valve

105438317

packaging machine (RM)\basic machine\film discharger\valve



valve

105438317

packaging machine (RM)\basic machine\film discharger\valve

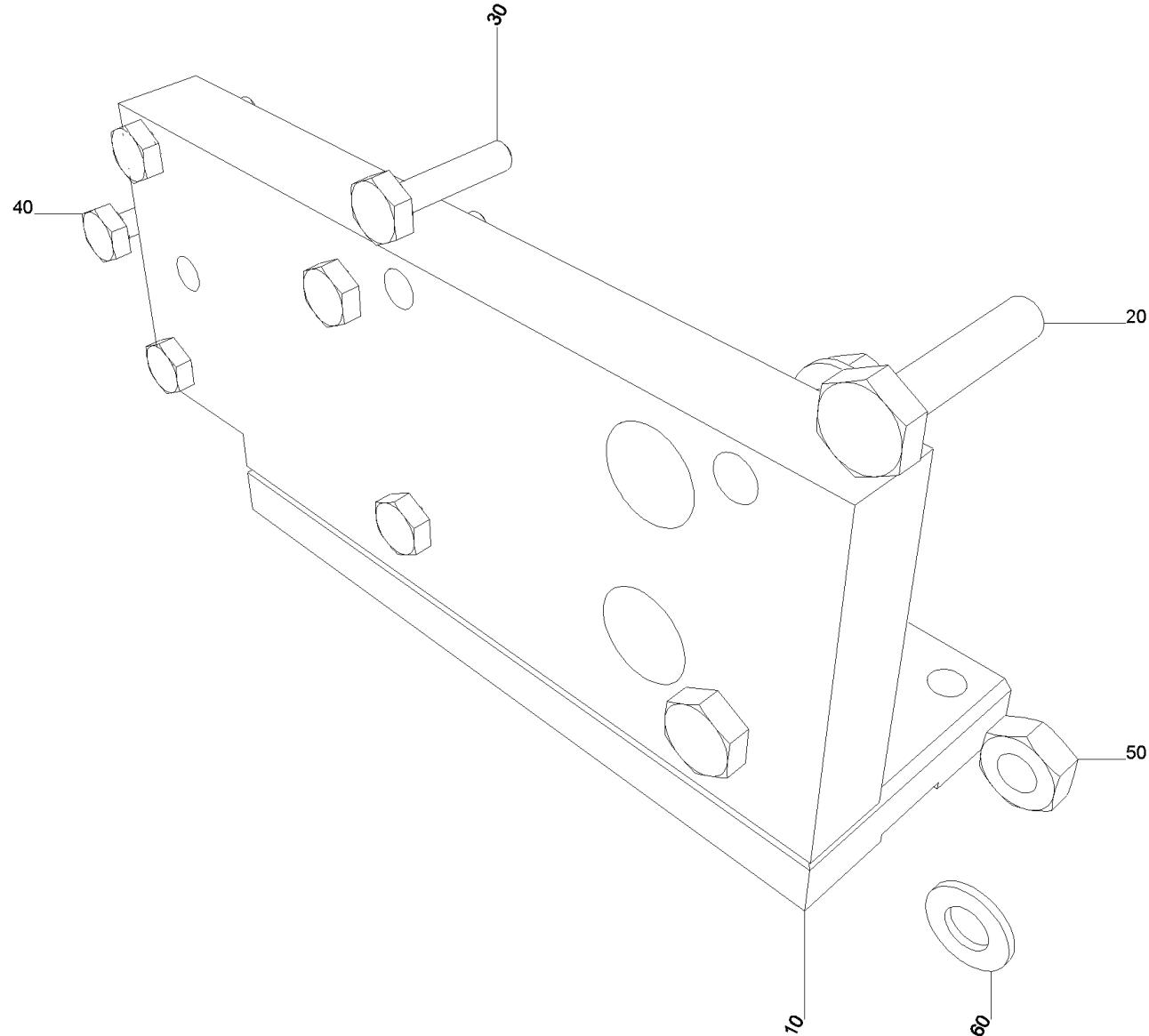


pos	material	document	version	description	quantity	quantity unit	SPC
10	105438285			bracket	1,000	PC	9
20	19717109110			female connector	2,000	PC	9
30	80255211221	101835620	0	3/2 valve	1,000	PC	3
40	81141807401			reducing nipple	1,000	PC	9
50	105534015			threaded coupling	1,000	PC	9
60	80291114501			sound absorber	1,000	PC	3
70	75001081116			hexagon-head bolt	2,000	PC	9
80	75001081102			hexagon-head bolt	2,000	PC	9
90	105570956			threaded coupling	1,000	PC	9
100	81811251303			pa tube	1,000	M	9
120	107111244			grub screw	1,000	PC	9
130	107111246			grub screw	2,000	PC	9
140	107387666			switch ring	1,000	PC	9

carrier

107592005

packaging machine (RM)\basic machine\film discharger\carrier



**carrier**

**107592005**

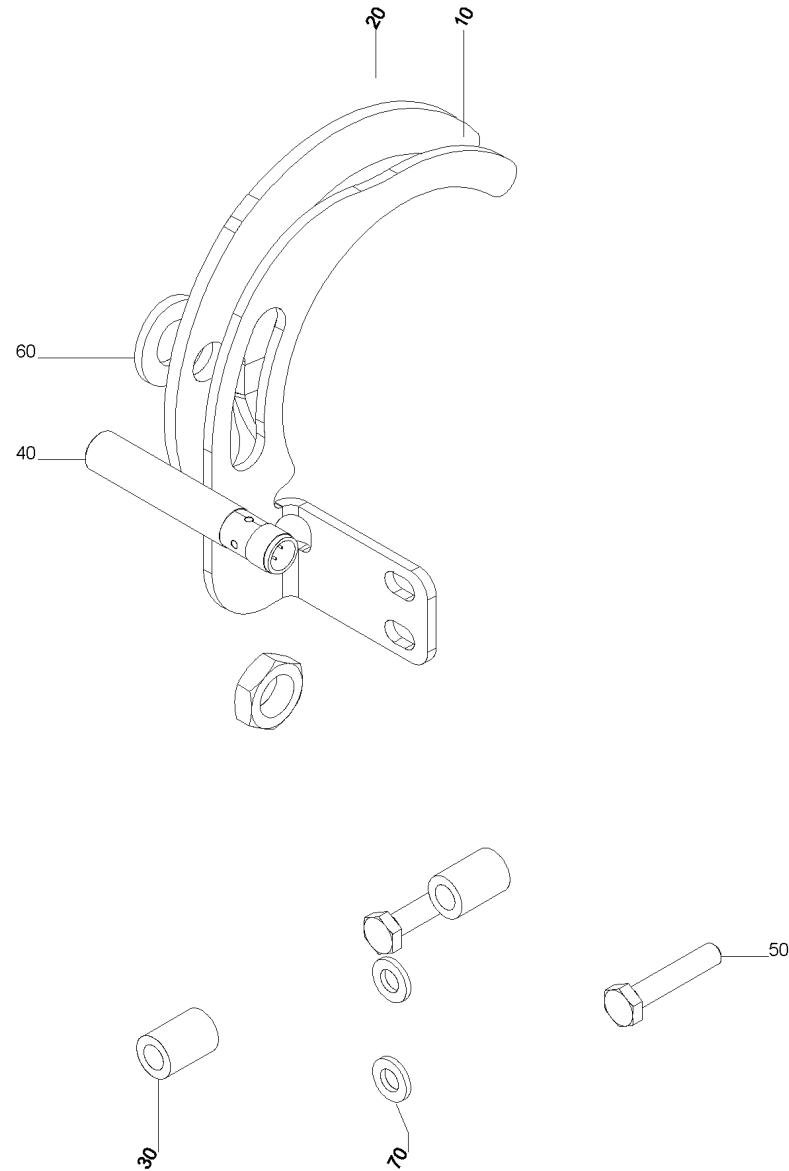
**packaging machine (RM)\basic machine\film discharger\carrier**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105706499			carrier	1,000	PC	9
20	105653143			hexagon-head bolt	2,000	PC	9
30	75001081716			hexagon-head bolt	4,000	PC	9
40	75001081916			hexagon-head bolt	2,000	PC	9
50	105468949			hexagon weld nut	2,000	PC	9
60	75211011002			disk	2,000	PC	9

proximity switch  
106218625

packaging machine (RM)\basic machine\proximity switch



**proximity switch**

**106218625**

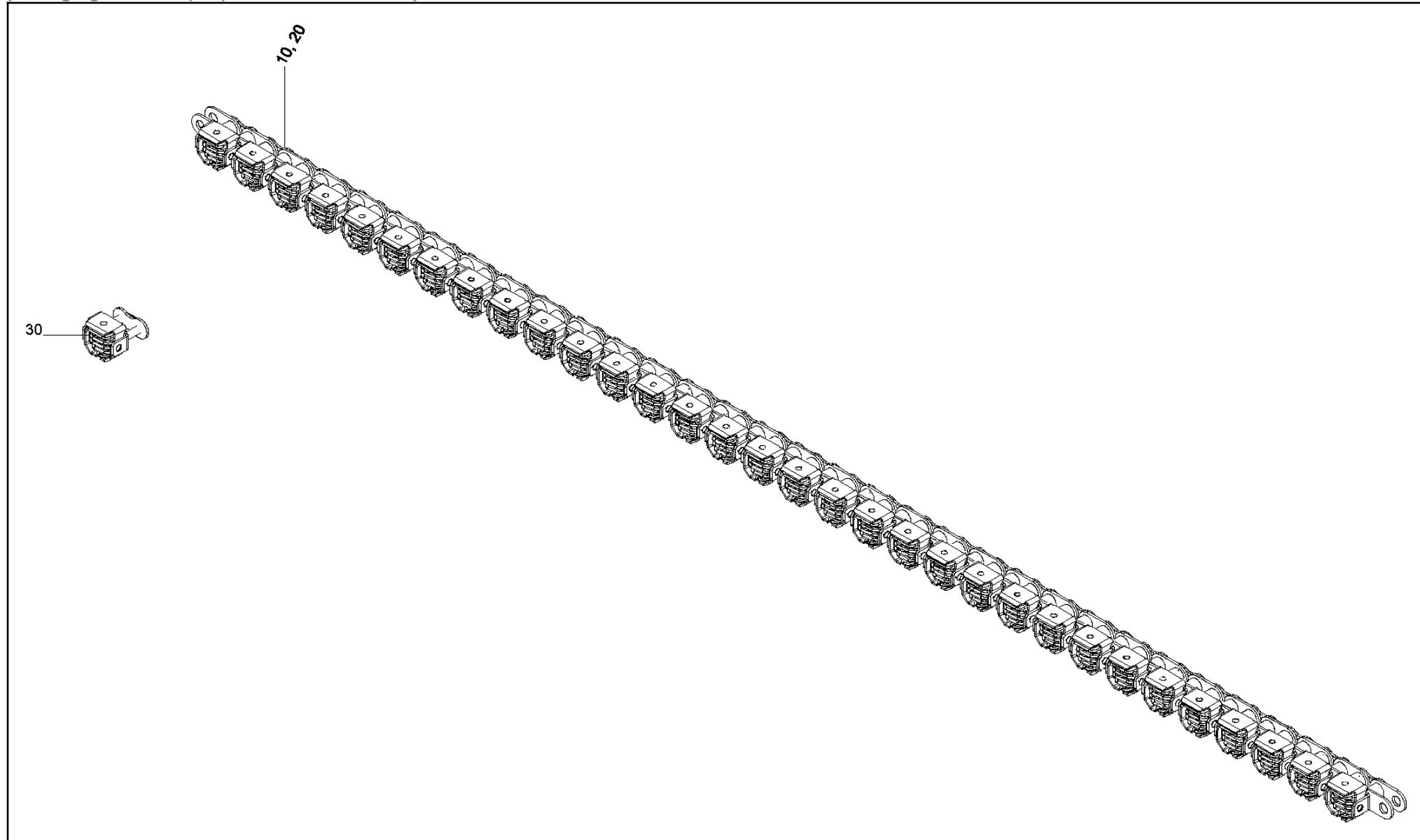
**packaging machine (RM)\basic machine\proximity switch**



pos	material	document	version	description	quantity	quantity unit	SPC
10	106205216			bracket	1,000	PC	9
20	108222528			sheet	1,000	PC	9
30	19431107032			distance bushing	2,000	PC	9
40	85463102502			proximity switch	1,000	PC	3
50	75001061702			hexagon-head bolt	2,000	PC	9
60	75211011302			disk	1,000	PC	9
70	75211010602			disk	2,000	PC	9

transport chain  
105683000

packaging machine (RM)\basic machine\transport chain



**transport chain**

**105683000**

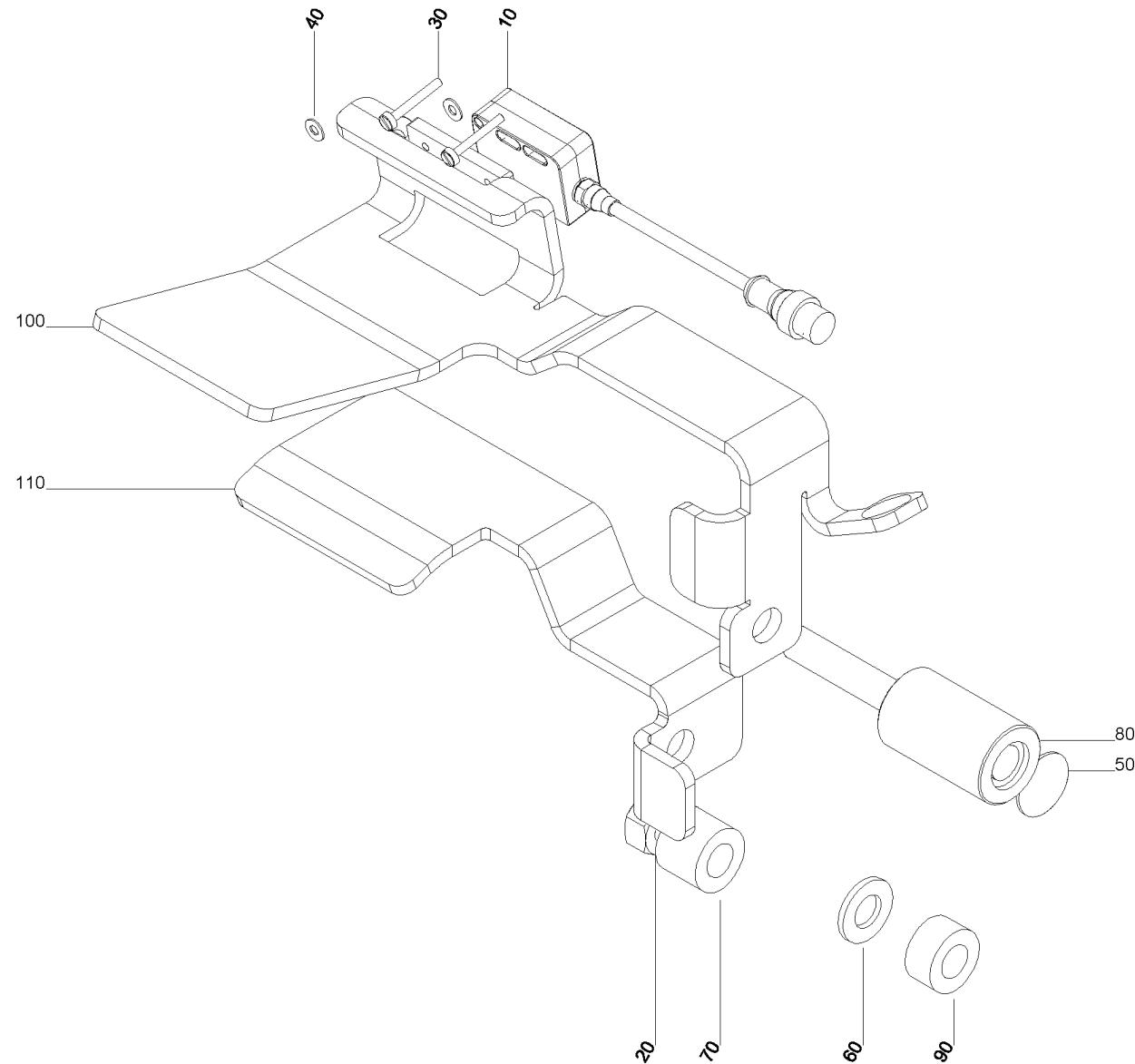
**packaging machine (RM)\basic machine\transport chain**



pos	material	document	version	description	quantity	quantity unit	SPC
10	106599253			transport chain	14,920	M	N
20	106599253			transport chain	14,920	M	N
30	105289208			plug element	2,000	PC	1

splice detector  
107183475

packaging machine (RM)\basic machine\splice detector



splice detector

107183475

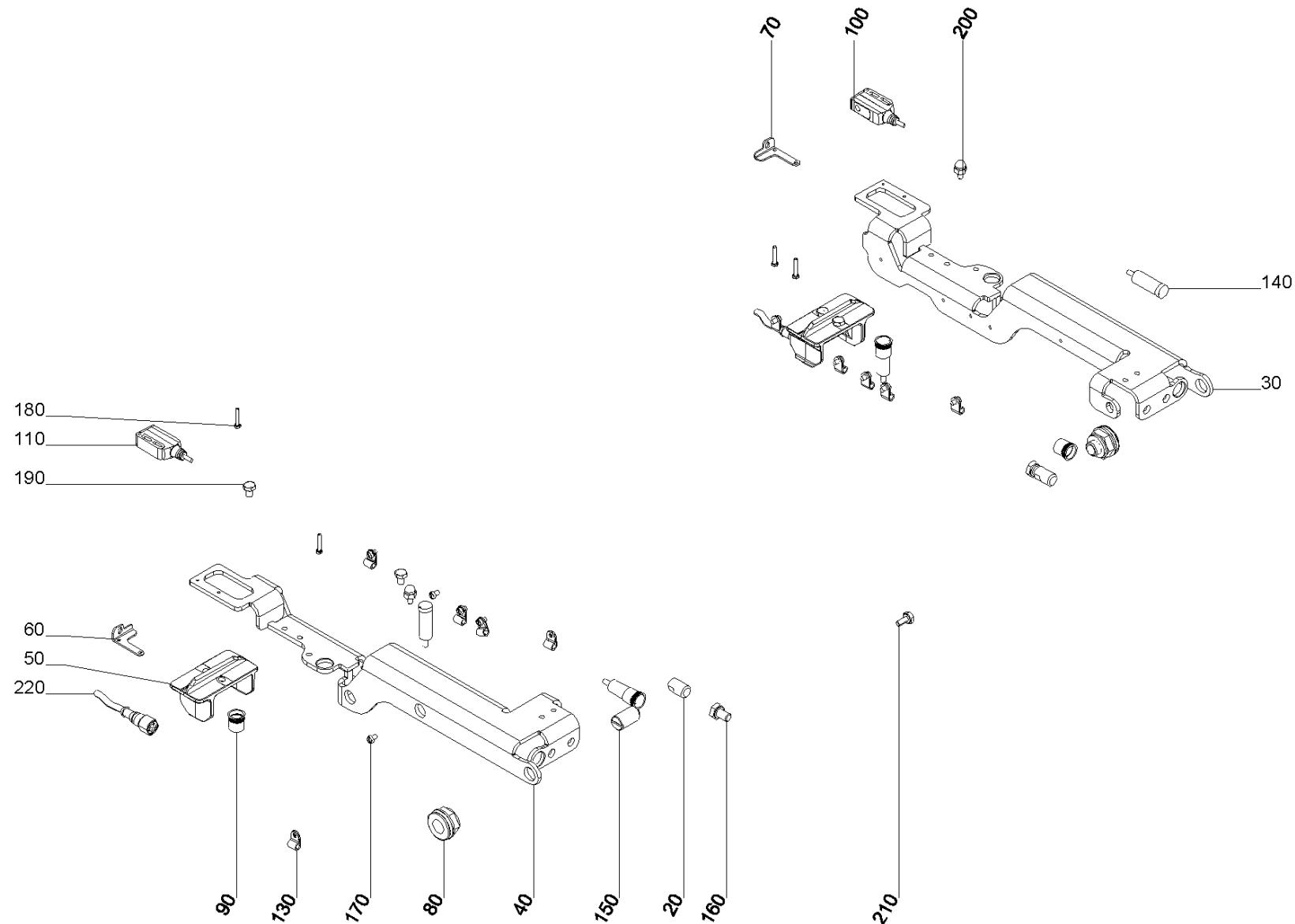
packaging machine (RM)\basic machine\splice detector



pos	material	document	version	description	quantity	quantity unit	SPC
10	105927872			reflecting light button	1,000	PC	3
20	75200001002			hexagon nut	1,000	PC	9
30	75015031302			cylindrical screw	2,000	PC	9
40	75211010302			disk	2,000	PC	9
50	105568338			flat-head bolt	1,000	PC	9
60	75211011002			disk	1,000	PC	9
70	105326529			distance bushing	1,000	PC	9
80	105921242			distance bushing	1,000	PC	9
90	105293954			distance bushing	1,000	PC	9
100	107183420			bracket	1,000	PC	9
110	107183447			bracket	1,000	PC	9

safety circuit  
106871910

packaging machine (RM)\basic machine\safety circuit



## safety circuit

106871910

packaging machine (RM)\basic machine\safety circuit

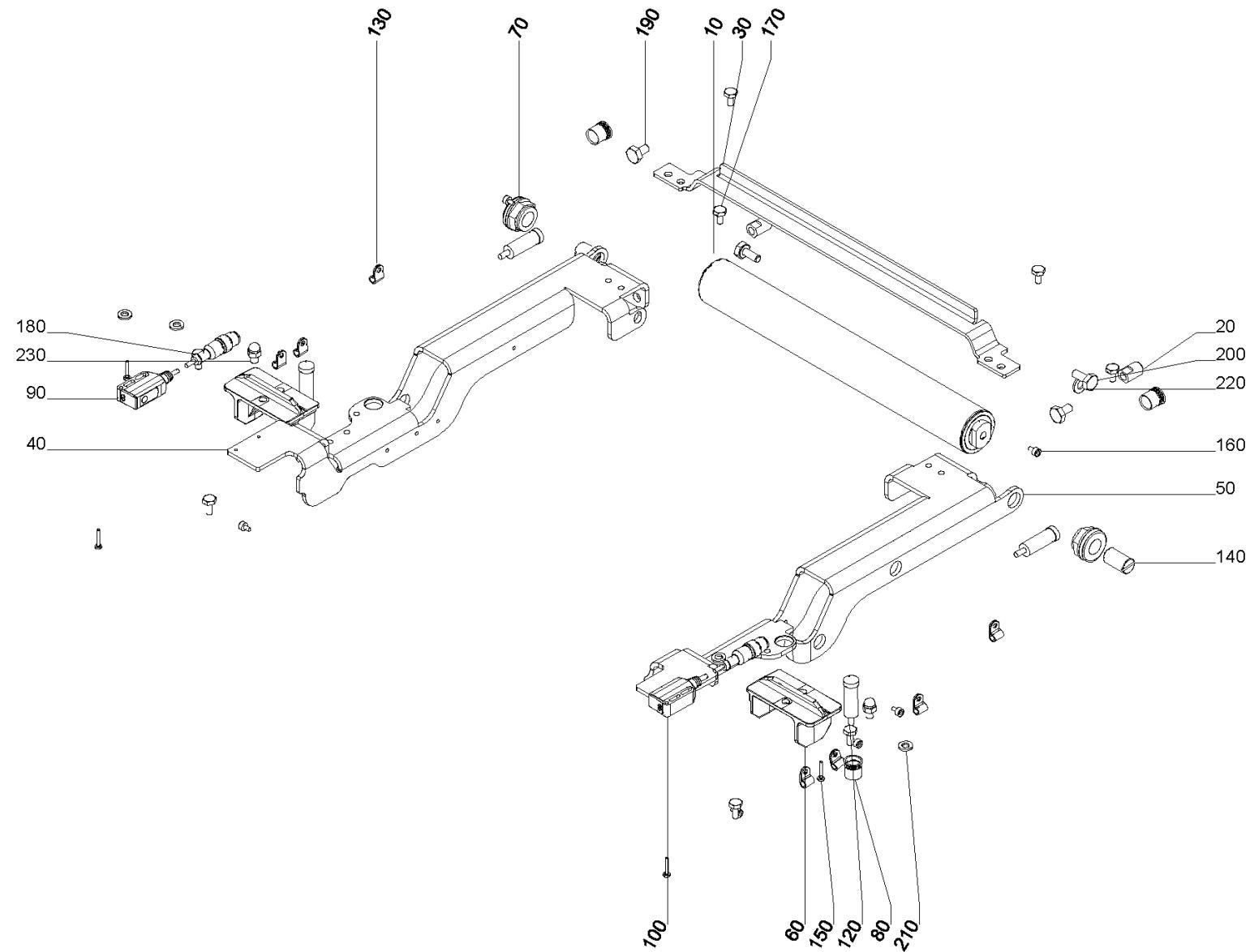


pos	material	document	version	description	quantity	quantity unit	SPC
10	105719808			slider	2,000	PC	N
20	106668658			stud	2,000	PC	9
30	106856417			carrier	1,000	PC	9
40	106856416			carrier	1,000	PC	9
50	75015040602			cylindrical screw	10,000	PC	9
60	107522833			sheet	1,000	PC	9
70	107522832			sheet	1,000	PC	N
80	105643917			female connector	2,000	PC	9
90	11686033500			female connector	4,000	PC	5
100	106779332			light barrier	1,000	PC	3
110	106779320			light barrier	1,000	PC	3
120	91147512086			adhesive	1,000	PC	C
130	107695115			cable holder	10,000	PC	3
140	106106351			magnetic reed switch	4,000	PC	5
150	75860001602			pressure piece	2,000	PC	5
160	75001080902			hexagon-head bolt	2,000	PC	9
170	75015040402			cylindrical screw	2,000	PC	9
180	107537694			hexagon-head bolt	4,000	PC	9
190	75001060602			hexagon-head bolt	4,000	PC	9
200	107609742			cap nut bolt	2,000	PC	9
210	75001060902			hexagon-head bolt	4,000	PC	9
220	107918459			connection cable	2,000	PC	5
230	108142954			cable holder	2,000	PC	3

safety circuit

106996207

packaging machine (RM)\basic machine\safety circuit



## safety circuit

106996207

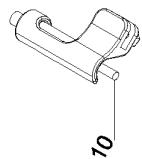
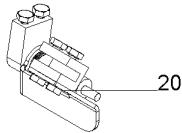
packaging machine (RM)\basic machine\safety circuit



pos	material	document	version	description	quantity	quantity unit	SPC
10	106199340			deflection roller	1,000	PC	9
20	106668658			stud	2,000	PC	9
30	106025945			guard plate	1,000	PC	9
40	106856417			carrier	1,000	PC	9
50	106856416			carrier	1,000	PC	9
60	105719808			slider	2,000	PC	N
70	105643917			female connector	2,000	PC	9
80	11686033500			female connector	4,000	PC	5
90	106779320			light barrier	1,000	PC	3
100	106779332			light barrier	1,000	PC	3
110	91147512086			adhesive	0,010	PC	C
120	106106351			magnetic reed switch	4,000	PC	5
130	107695115			cable holder	10,000	PC	9
140	75860001602			pressure piece	2,000	PC	5
150	107537694			hexagon-head bolt	4,000	PC	9
160	75015040602			cylindrical screw	10,000	PC	9
170	75001060816			hexagon-head bolt	4,000	PC	9
180	75001060902			hexagon-head bolt	4,000	PC	9
190	75001080902			hexagon-head bolt	2,000	PC	9
200	75001081102			hexagon-head bolt	2,000	PC	9
210	75211010602			disk	4,000	PC	9
220	75211010802			disk	2,000	PC	9
230	107609742			cap nut bolt	2,000	PC	9
240	107522832			sheet	1,000	PC	N
250	107522833			sheet	1,000	PC	9
260	108142954			cable holder	2,000	PC	3
270	75015040402			cylindrical screw	2,000	PC	9

part guarding  
106396332

packaging machine (RM)\basic machine\part guarding



part guarding

106396332

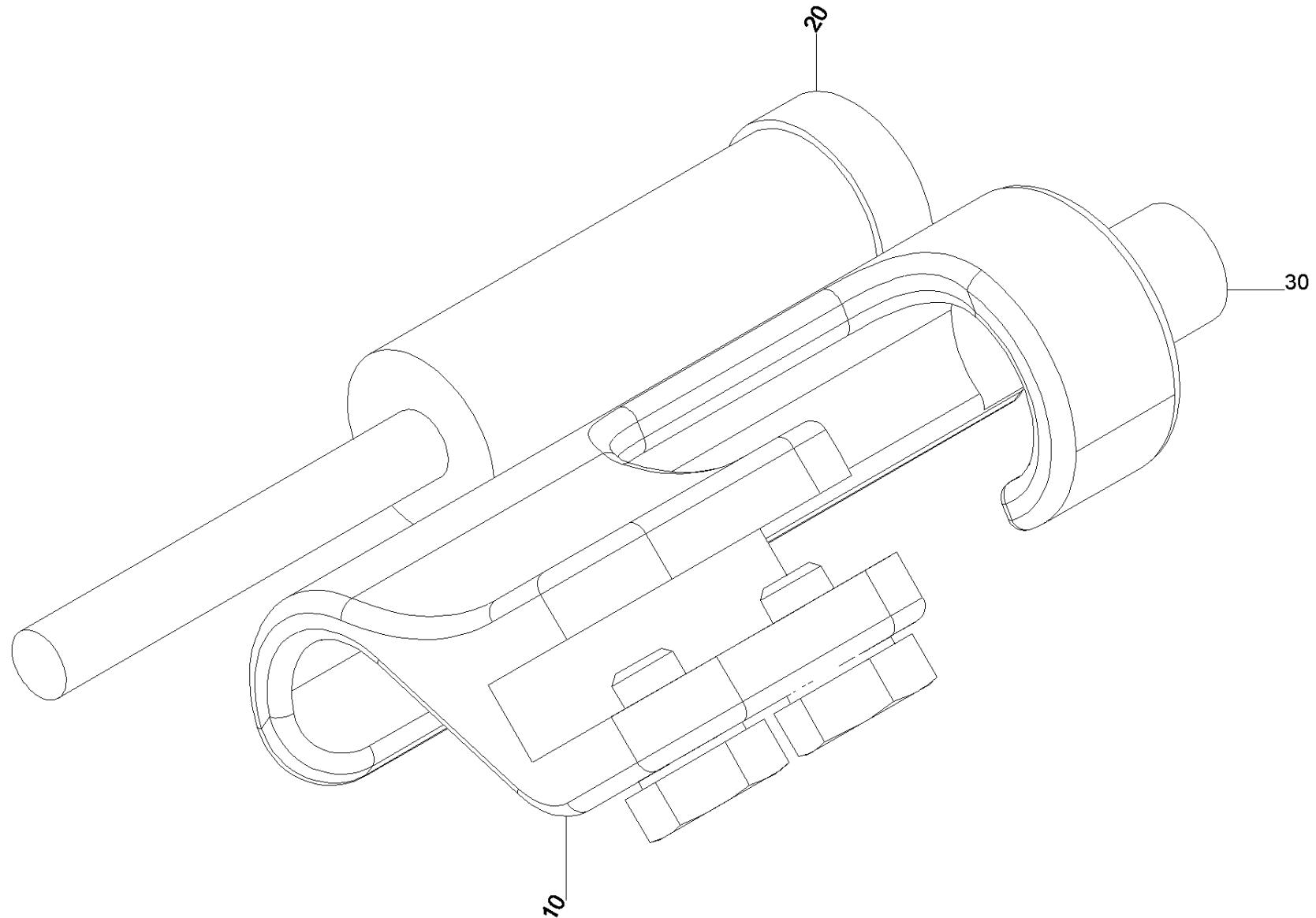
packaging machine (RM)\basic machine\part guarding



pos	material	document	version	description	quantity	quantity unit	SPC
10	105986015	16000097910	0	part guarding	7,000	PC	N
20	106387432	16000180100	0	part guarding	1,000	PC	9

part guarding  
105986015

packaging machine (RM)\basic machine\part guarding\part guarding



part guarding  
105986015

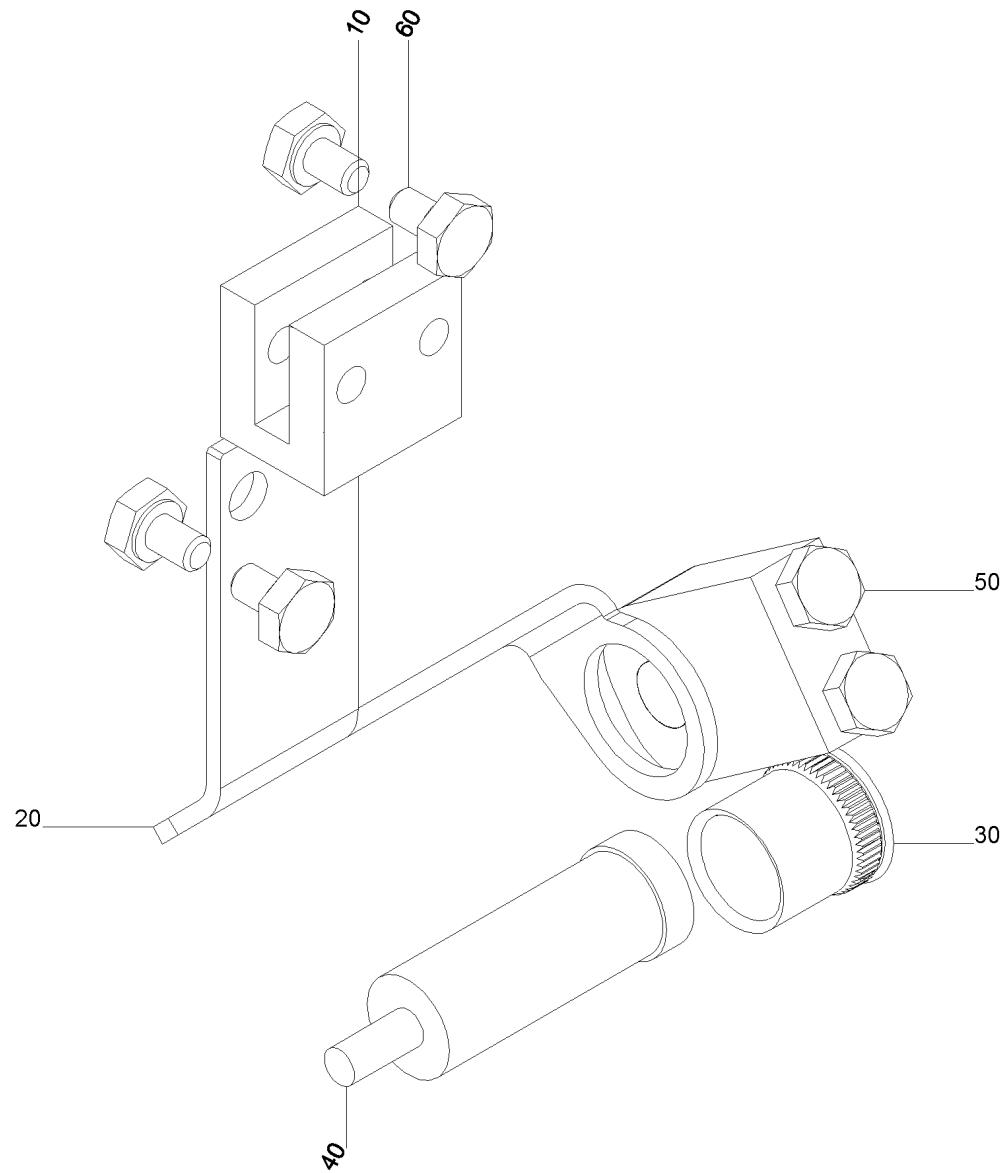
packaging machine (RM)\basic machine\part guarding\part guarding



pos	material	document	version	description	quantity	quantity unit	SPC
10	105788607			part guarding	1,000	PC	9
20	105778984			magnetic reed switch	1,000	PC	5
30	85463101003			round magnet	1,000	PC	3
40	91147512084			adhesive	0,010	PC	5

part guarding  
106387432

packaging machine (RM)\basic machine\part guarding\part guarding



part guarding

106387432

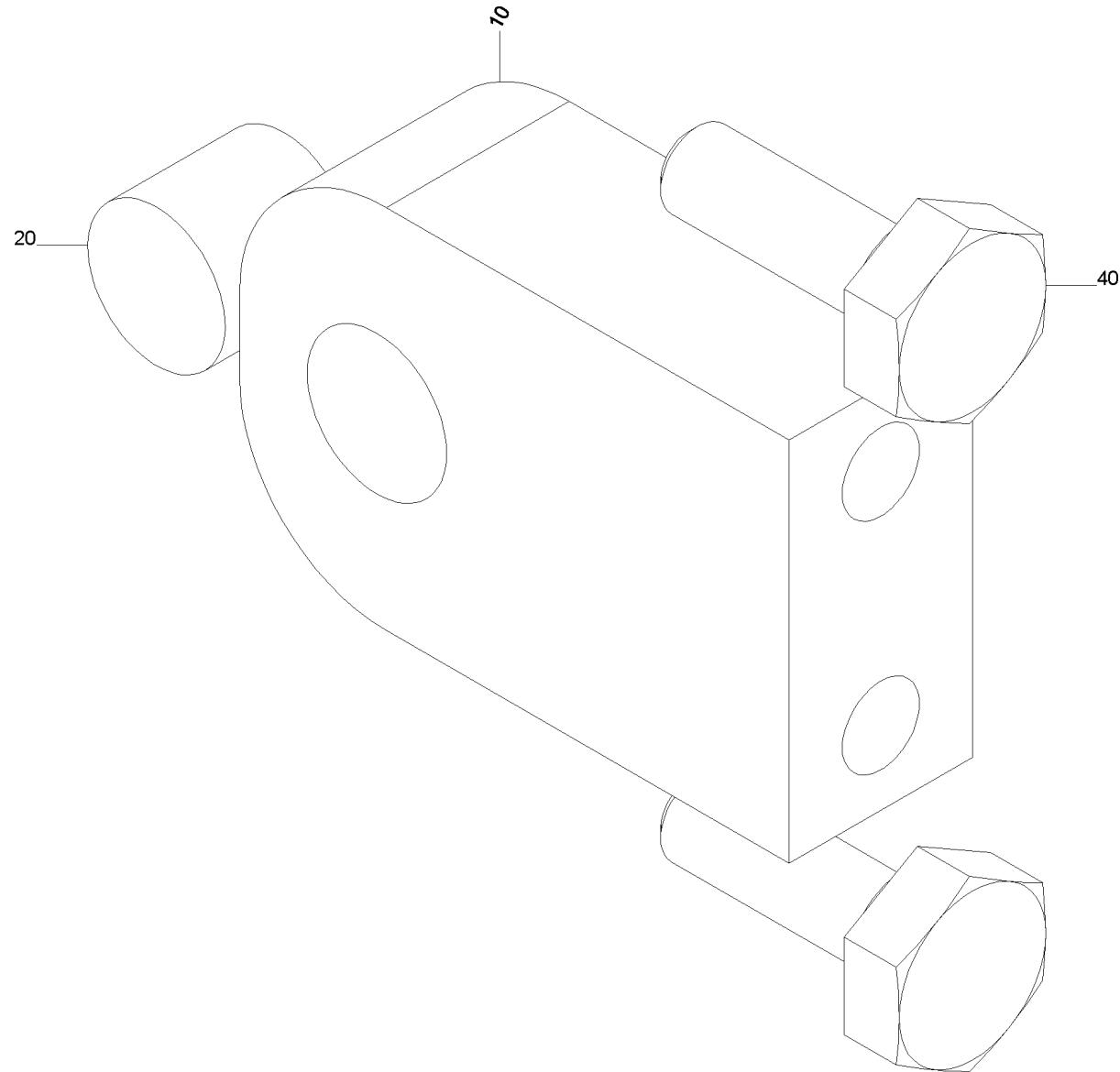
packaging machine (RM)\basic machine\part guarding\part guarding



pos	material	document	version	description	quantity	quantity unit	SPC
10	105454092			clamping piece	1,000	PC	9
20	106387425			sheet	1,000	PC	9
30	11686033500			female connector	1,000	PC	5
40	105778984			magnetic reed switch	1,000	PC	5
50	105835831	16000081485	0	magnet holder	1,000	PC	9
60	75001050402			hexagon-head bolt	4,000	PC	9

magnet holder  
105835831

packaging machine (RM)\basic machine\part guarding\part guarding\magnet holder



**magnet holder**

**105835831**

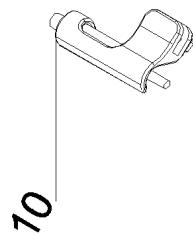
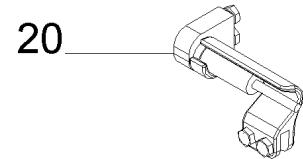
**packaging machine (RM)\basic machine\part guarding\part guarding\magnet holder**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105835634			mount	1,000	PC	9
20	85463101003			round magnet	1,000	PC	3
30	91147512084			adhesive	1,000	PC	5
40	75001050902			hexagon-head bolt	2,000	PC	9

part guarding  
106776167

packaging machine (RM)\basic machine\part guarding



part guarding

106776167

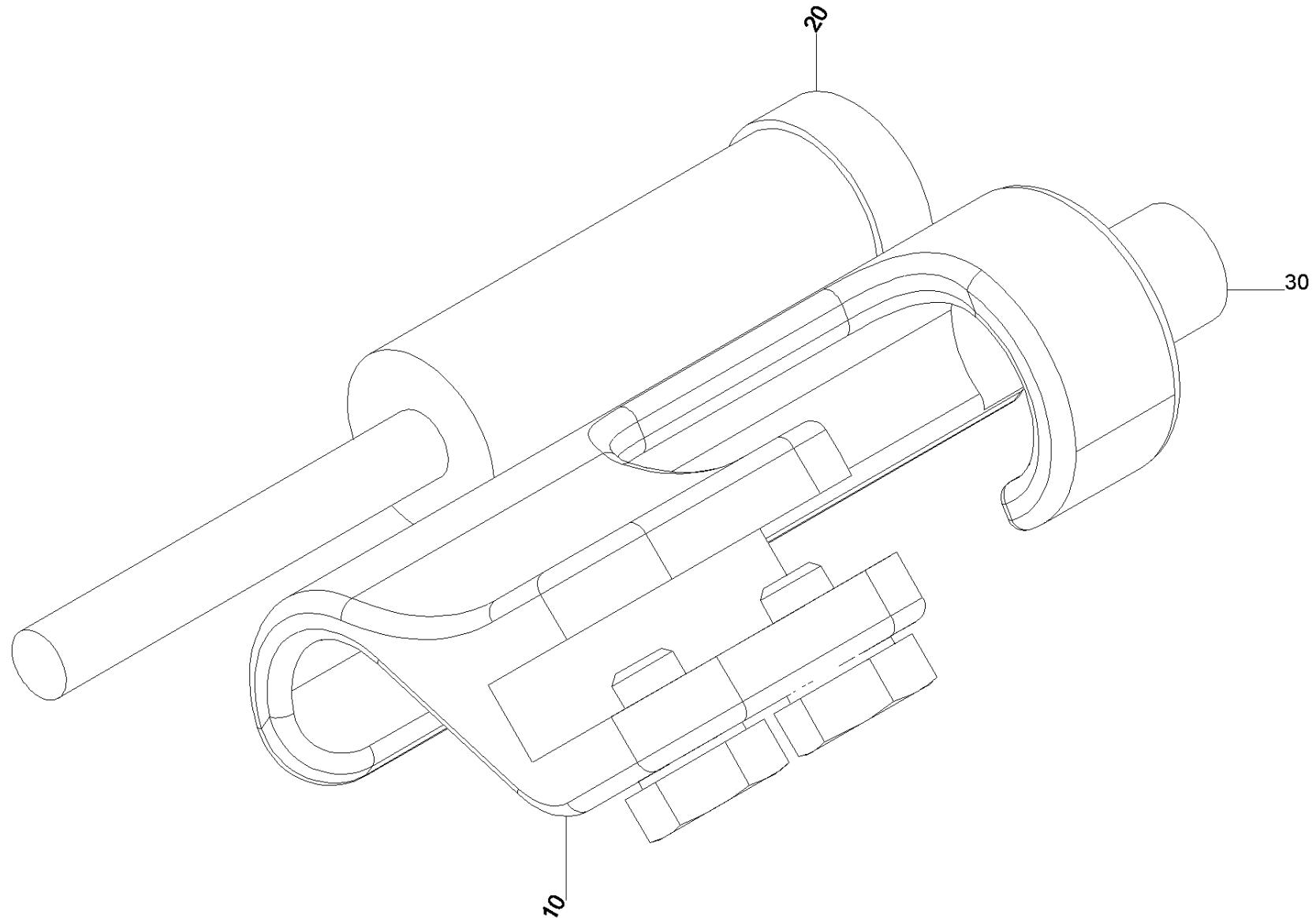
packaging machine (RM)\basic machine\part guarding



pos	material	document	version	description	quantity	quantity unit	SPC
10	105986015	16000097910	0	part guarding	2,000	PC	N
20	105986198	16000097923	0	part guarding	2,000	PC	N

part guarding  
105986015

packaging machine (RM)\basic machine\part guarding\part guarding



part guarding

105986015

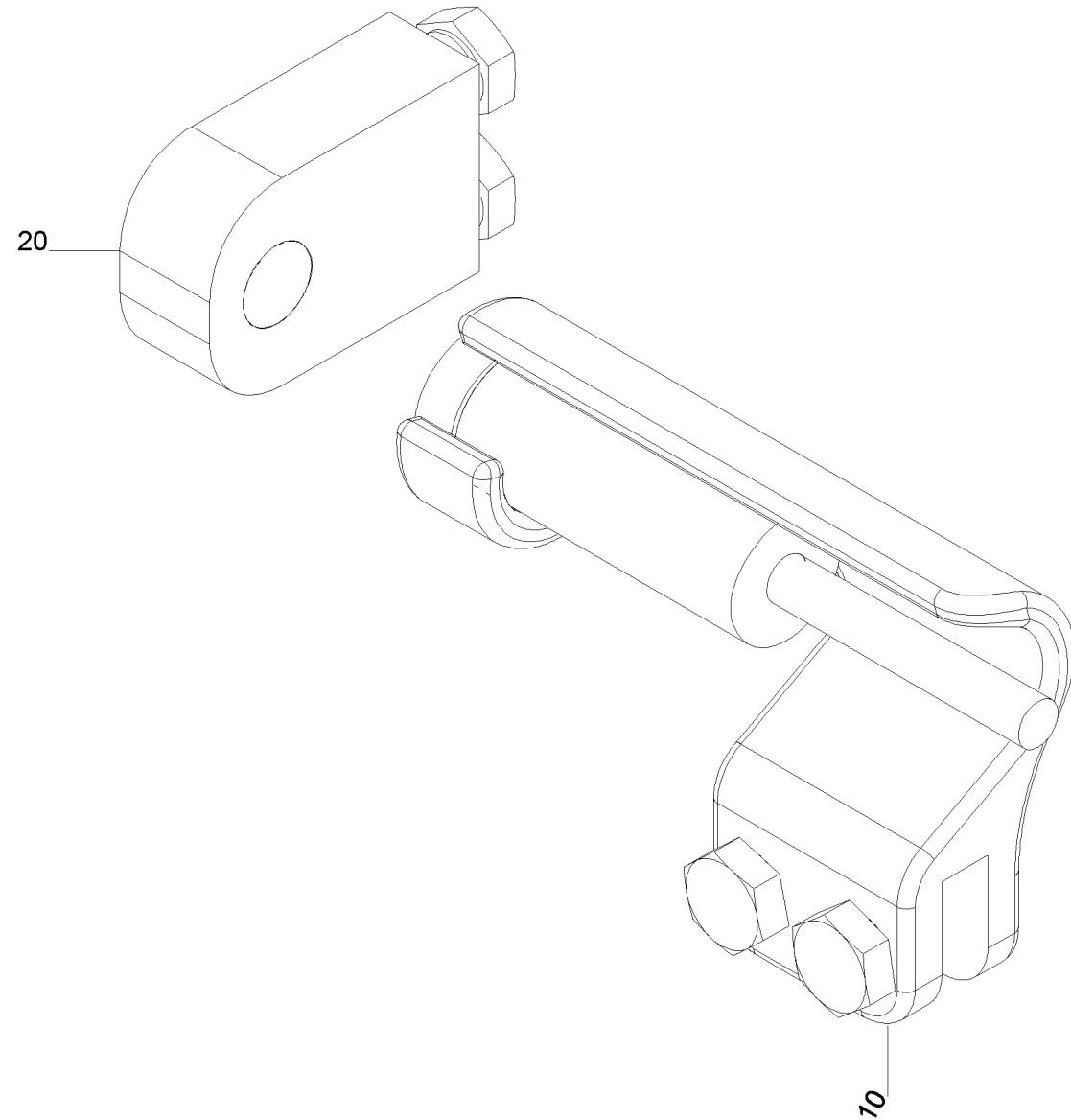
packaging machine (RM)\basic machine\part guarding\part guarding



pos	material	document	version	description	quantity	quantity unit	SPC
10	105788607			part guarding	1,000	PC	9
20	105778984			magnetic reed switch	1,000	PC	5
30	85463101003			round magnet	1,000	PC	3
40	91147512084			adhesive	0,010	PC	5

part guarding  
105986198

packaging machine (RM)\basic machine\part guarding\part guarding



part guarding

105986198

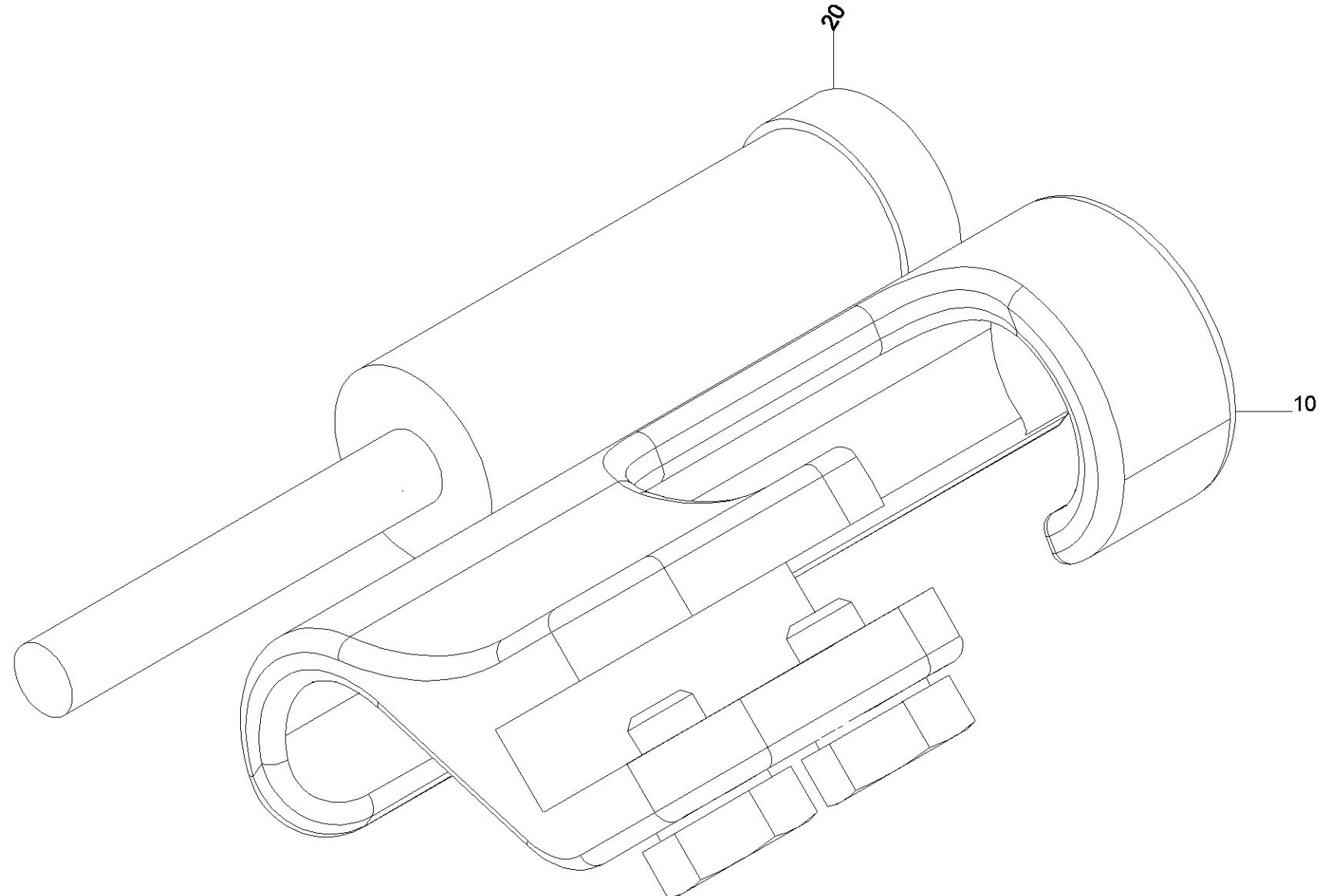
packaging machine (RM)\basic machine\part guarding\part guarding



pos	material	document	version	description	quantity	quantity unit	SPC
10	105986230	16000097924	0	part guarding	1,000	PC	N
20	105835831	16000081485	0	magnet holder	1,000	PC	9

part guarding  
105986230

packaging machine (RM)\basic machine\part guarding\part guarding\part guarding



part guarding

105986230

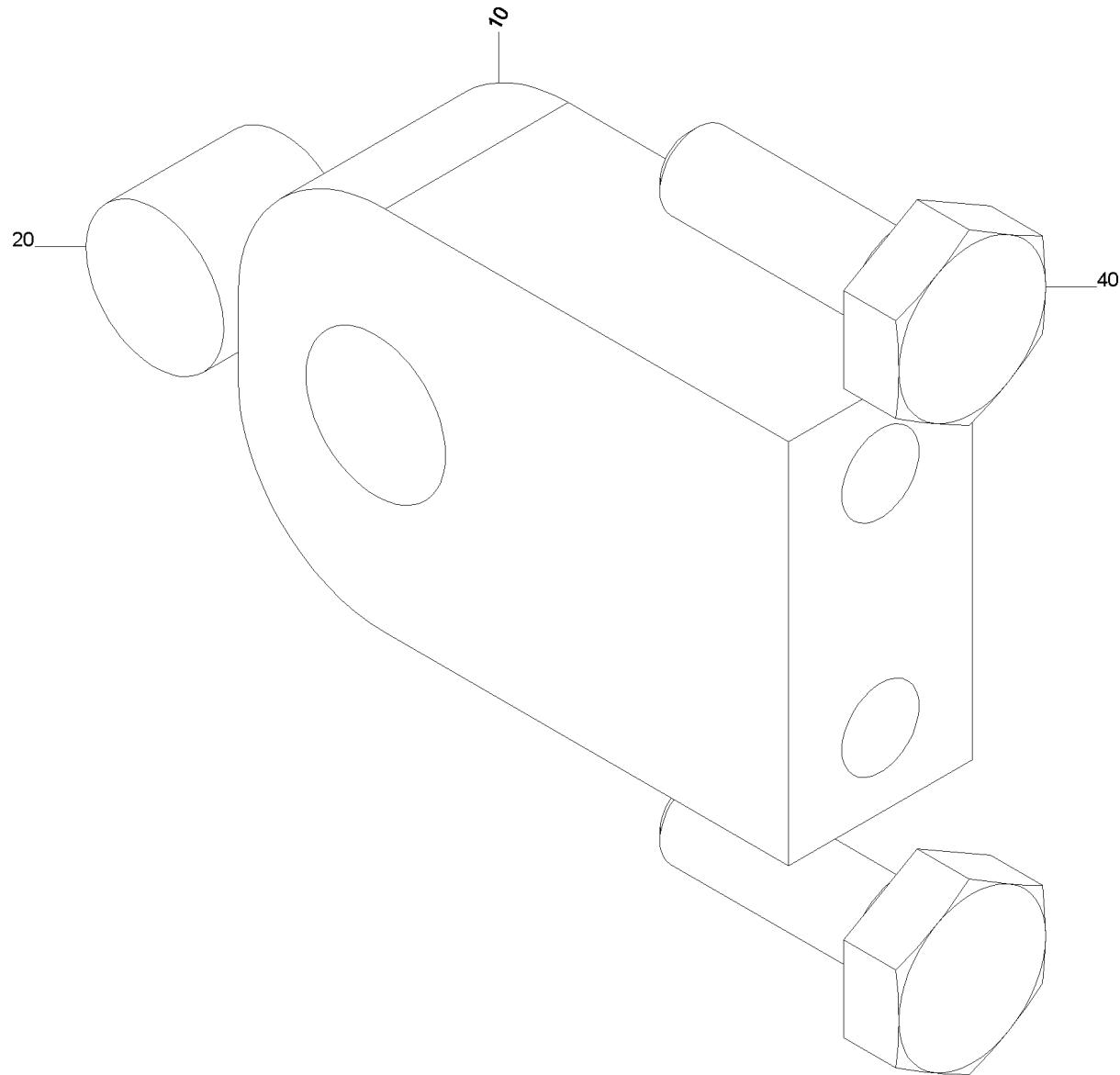
packaging machine (RM)\basic machine\part guarding\part guarding\part guarding



pos	material	document	version	description	quantity	quantity unit	SPC
10	105788607			part guarding	1,000	PC	9
20	105778984			magnetic reed switch	1,000	PC	5

magnet holder  
105835831

packaging machine (RM)\basic machine\part guarding\part guarding\magnet holder



**magnet holder**

**105835831**

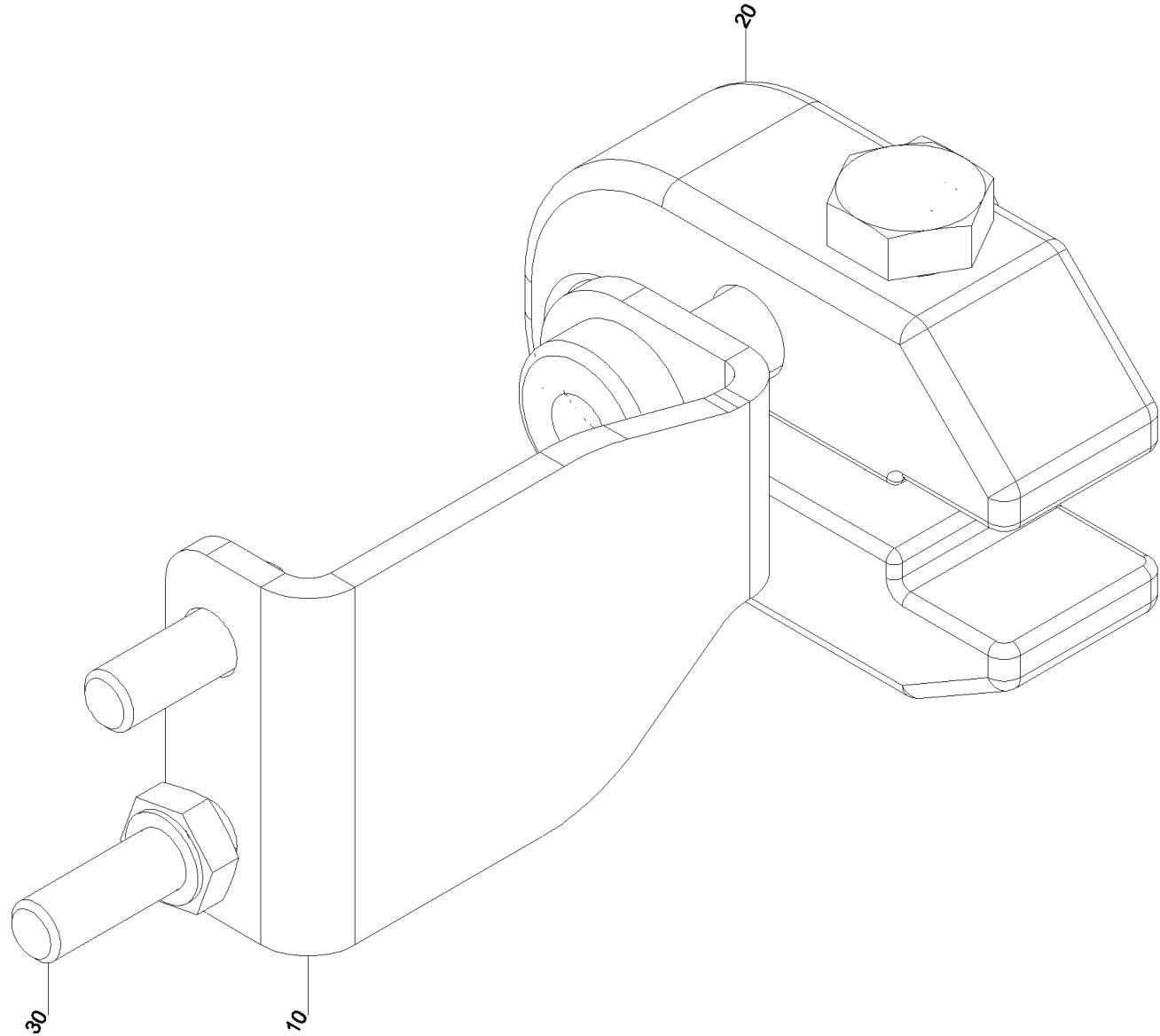
**packaging machine (RM)\basic machine\part guarding\part guarding\magnet holder**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105835634			mount	1,000	PC	9
20	85463101003			round magnet	1,000	PC	3
30	91147512084			adhesive	1,000	PC	5
40	75001050902			hexagon-head bolt	2,000	PC	9

clamping  
108091980

packaging machine (RM)\basic machine\clamping



**clamping**  
**108091980**

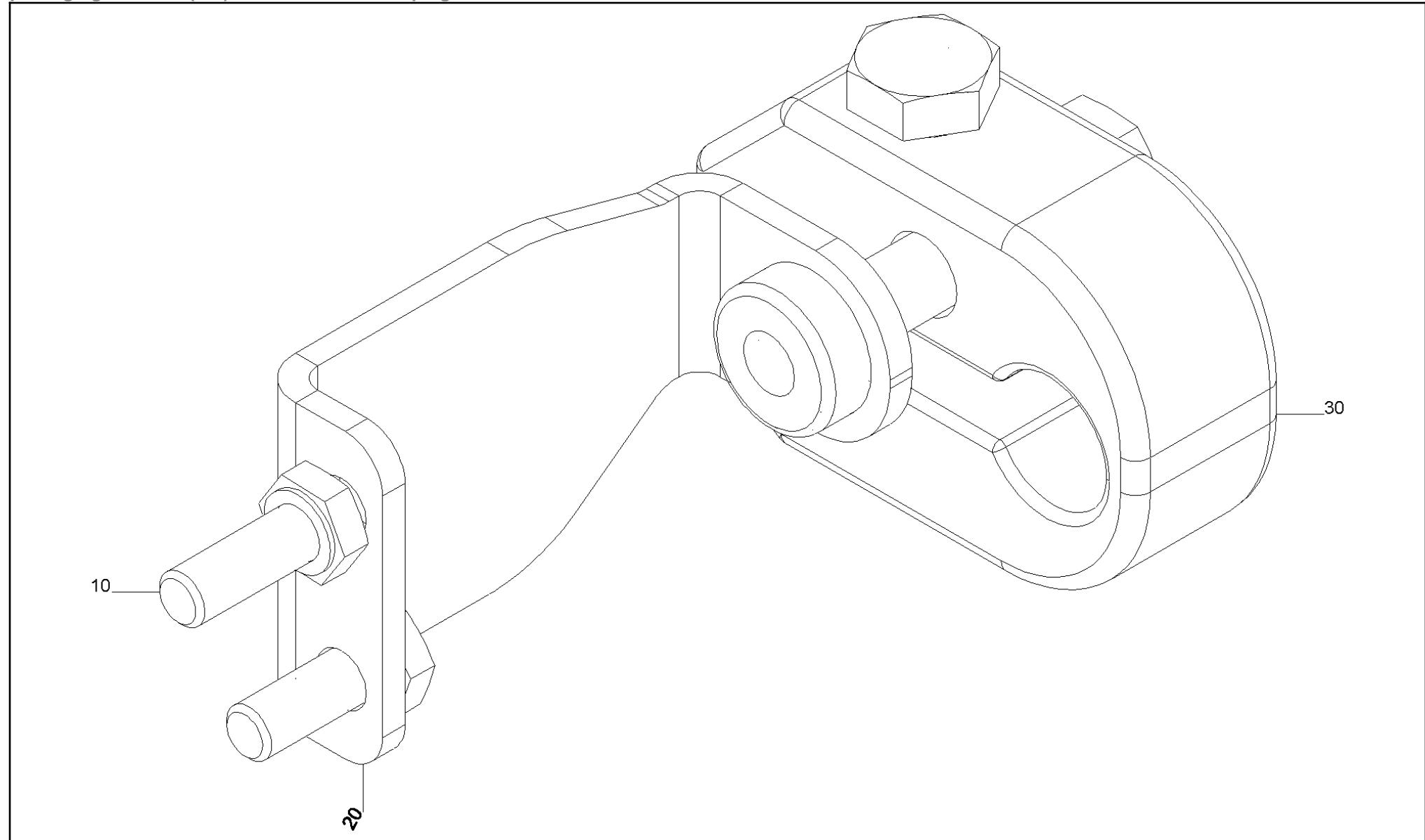
**packaging machine (RM)\basic machine\clamping**



pos	material	document	version	description	quantity	quantity unit	SPC
10	108091971			mount	1,000	PC	N
20	105934918			clamping	1,000	PC	N
30	75001061116			hexagon-head bolt	2,000	PC	9

clamping  
108090711

packaging machine (RM)\basic machine\clamping



**clamping**  
**108090711**

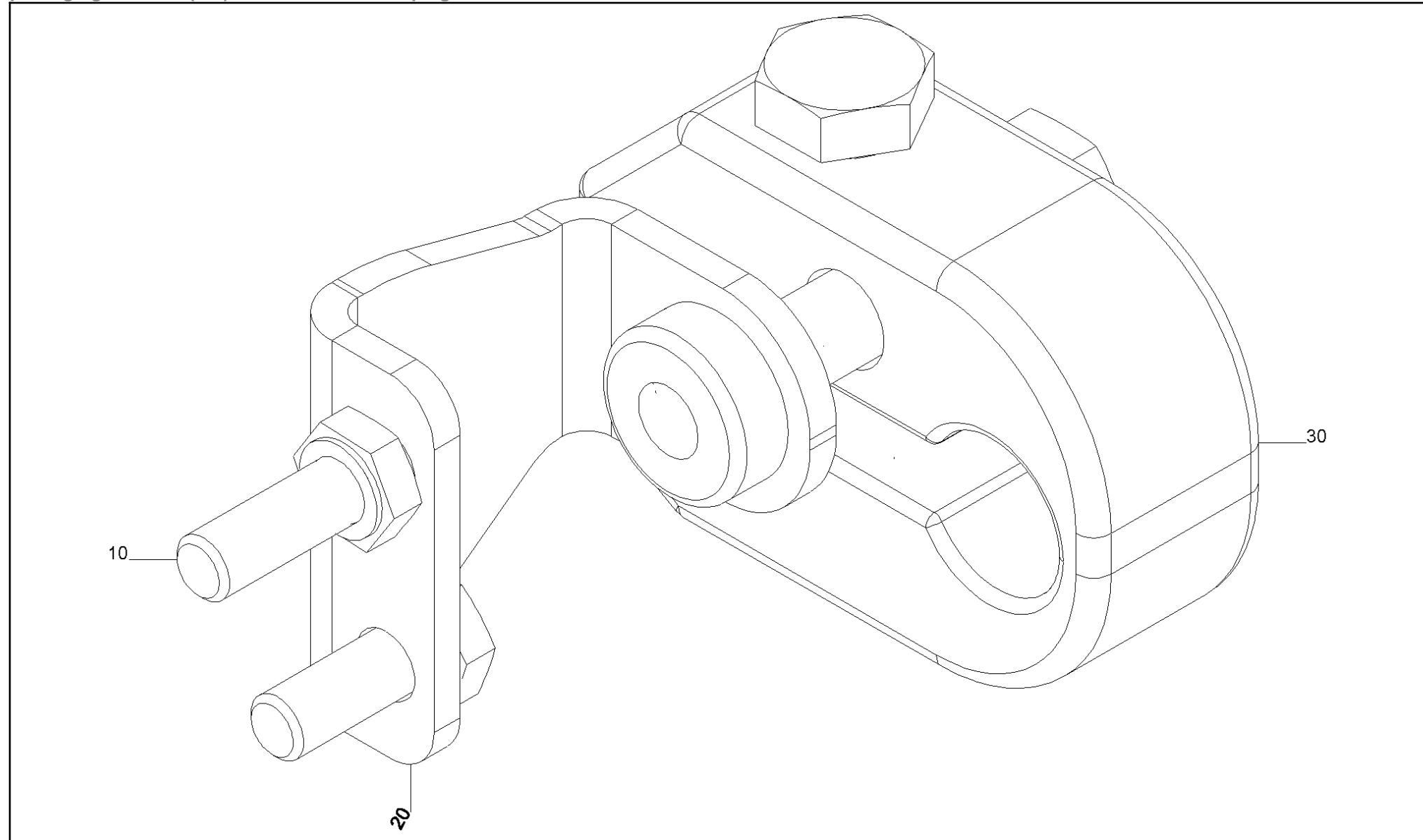
**packaging machine (RM)\basic machine\clamping**



pos	material	document	version	description	quantity	quantity unit	SPC
10	75001061116			hexagon-head bolt	2,000	PC	9
20	108090706			mount	1,000	PC	N
30	105934918			clamping	1,000	PC	N

clamping  
108090724

packaging machine (RM)\basic machine\clamping



**clamping**  
**108090724**

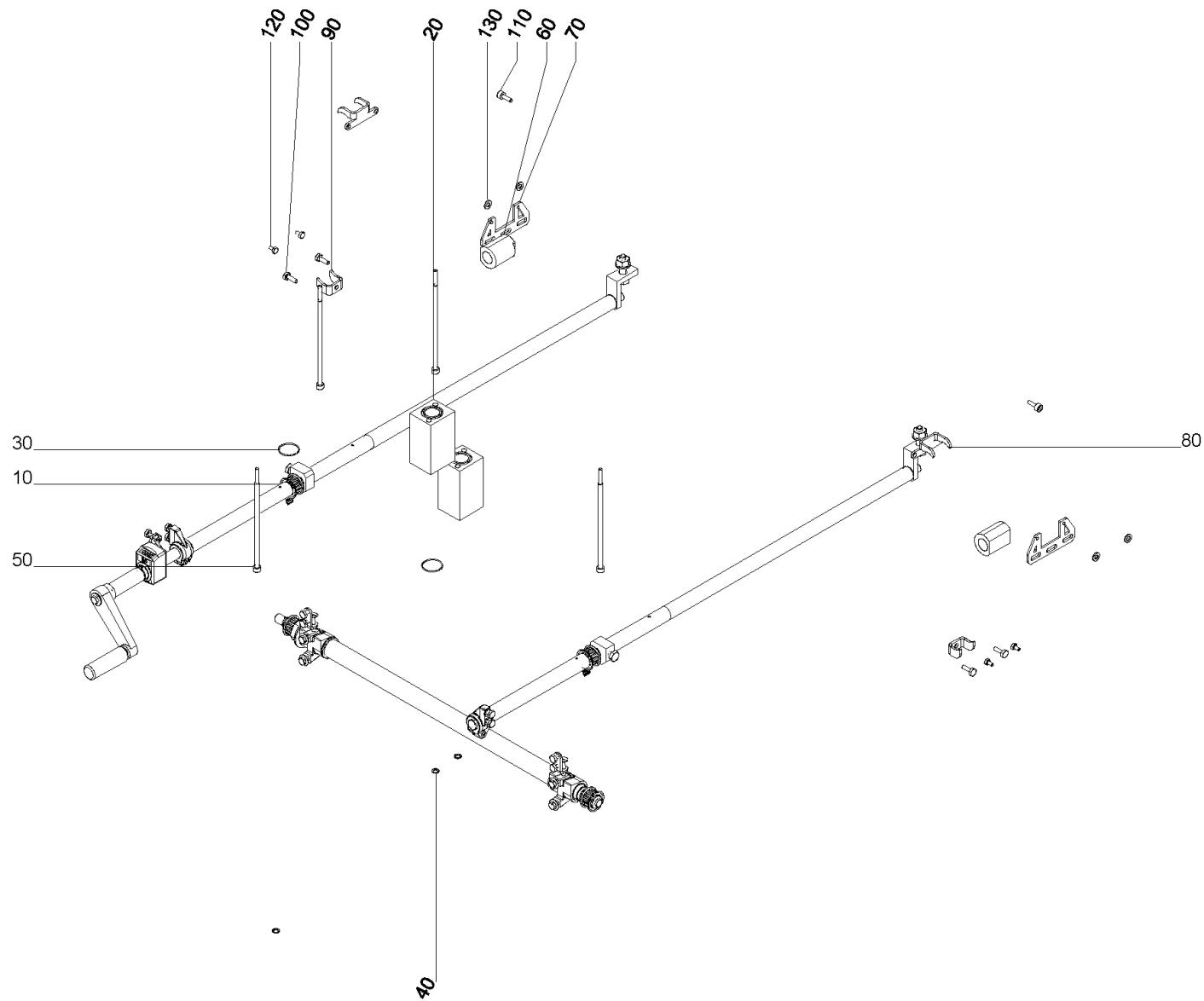
**packaging machine (RM)\basic machine\clamping**



pos	material	document	version	description	quantity	quantity unit	SPC
10	75001061116			hexagon-head bolt	2,000	PC	9
20	108090722			mount	1,000	PC	N
30	105934918			clamping	1,000	PC	N

die adjustment  
106680632

packaging machine (RM)\basic machine\die adjustment



## die adjustment

106680632

packaging machine (RM)\basic machine\die adjustment

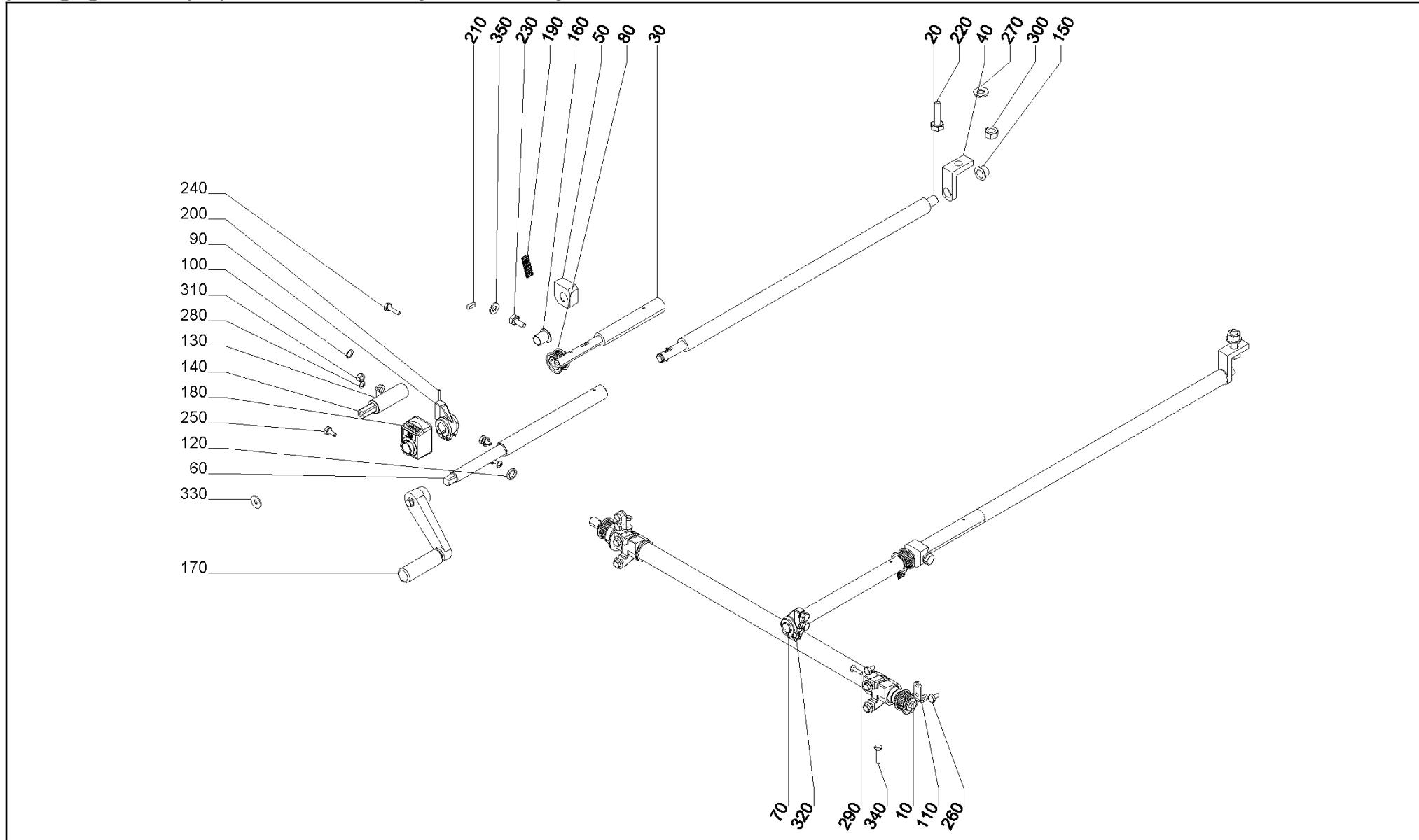


pos	material	document	version	description	quantity	quantity unit	SPC
10	106671791	16000249989	B	die adjustment	1,000	PC	N
20	106666338			intermediary	3,000	PC	9
30	78301023250			o-ring	3,000	PC	1
40	75210070602			thrust washer	6,000	PC	9
50	75010063702			cylindrical screw	6,000	PC	9
60	11640031500			spindle nut	2,000	PC	5
70	106202509			mount	2,000	PC	N
80	106209677			clamp	2,000	PC	9
90	106202562			clamp	2,000	PC	9
100	75001061116			hexagon-head bolt	4,000	PC	9
110	75010061116			cylindrical screw	2,000	PC	9
120	75001050602			hexagon-head bolt	4,000	PC	9
130	75211010602			disk	4,000	PC	9
140	75010063202			cylindrical screw	6,000	PC	9

die adjustment  
106671791



packaging machine (RM)\basic machine\die adjustment\die adjustment



## die adjustment

106671791

packaging machine (RM)\basic machine\die adjustment\die adjustment

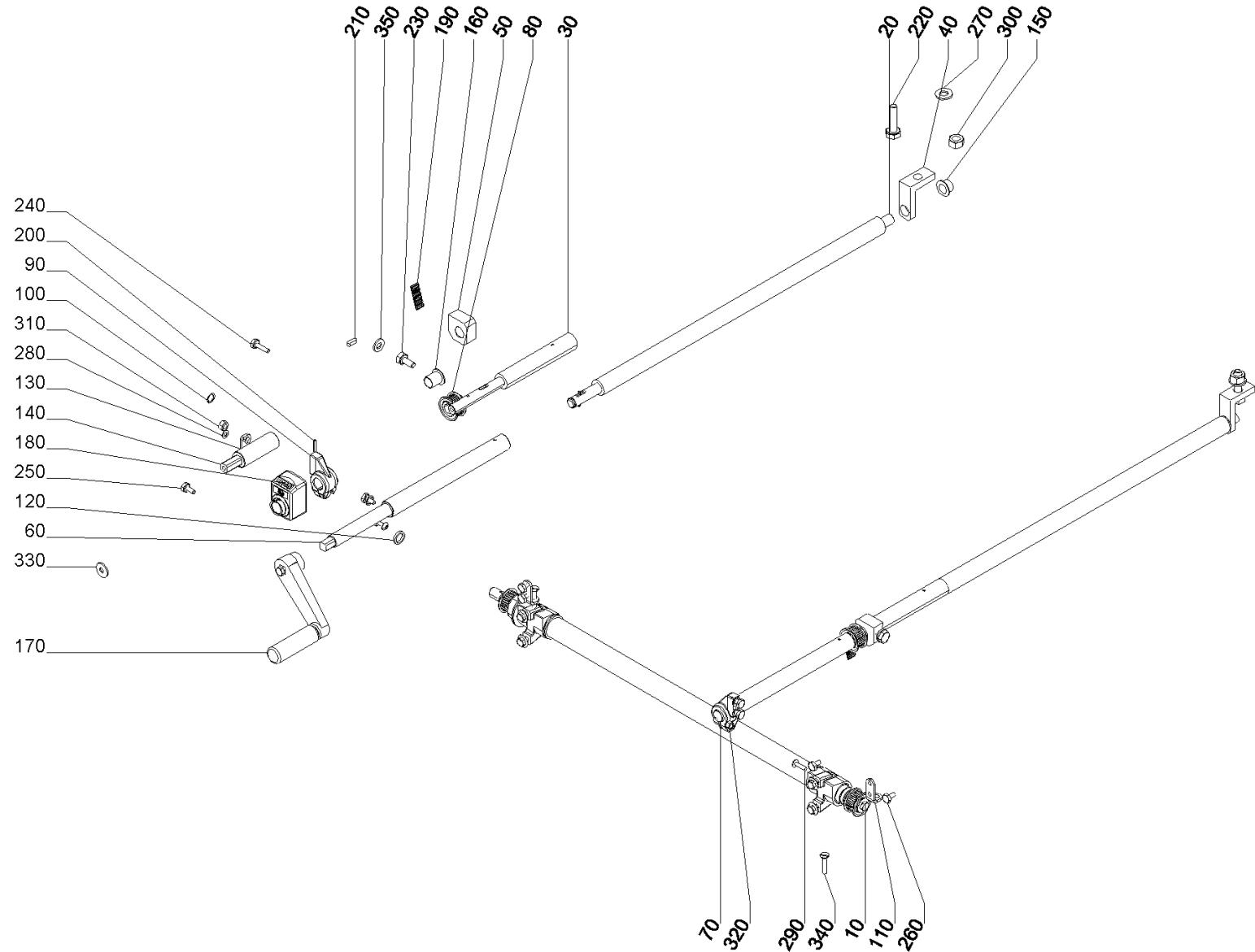


pos	material	document	version	description	quantity	quantity unit	SPC
10	106581777	16000229094	B	bearing	1,000	PC	9
20	101647013			arbor	2,000	PC	9
30	106671741			shaft	2,000	PC	9
40	106461349			bracket	2,000	PC	9
50	105351944			mount	2,000	PC	9
60	106632840			shaft	1,000	PC	9
70	106633614			shaft	1,000	PC	9
80	107714380			timing pulley	2,000	PC	9
90	105603074			mount	2,000	PC	N
100	106126523			ring	4,000	PC	9
110	106221435			bracket	2,000	PC	9
120	106223189			spacer ring	1,000	PC	9
130	107850850			bracket	1,000	PC	9
140	105399541			shaft	1,000	PC	9
150	78730012100			slide bearings	2,000	PC	3
160	78721012170			slide bearings	2,000	PC	5
170	96627000010			hand crank	1,000	PC	9
180	106200013			position indicator	1,000	PC	5
190	79633210911			timing belt	2,000	PC	9
200	75305031202			retaining bush	4,000	PC	9
210	75375040530			spline	2,000	PC	9
220	75001101816			hexagon-head bolt	2,000	PC	9
230	75001081116			hexagon-head bolt	2,000	PC	9
240	75001061316			hexagon-head bolt	1,000	PC	9
250	75001060916			hexagon-head bolt	4,000	PC	9
260	75001060816			hexagon-head bolt	5,000	PC	9
270	75211011002			disk	2,000	PC	9
280	75211010502			disk	2,000	PC	9
290	75028051102			lens head screw	2,000	PC	9
300	75200001002			hexagon nut	2,000	PC	9

die adjustment

106671791

packaging machine (RM)\basic machine\die adjustment\die adjustment



die adjustment

106671791

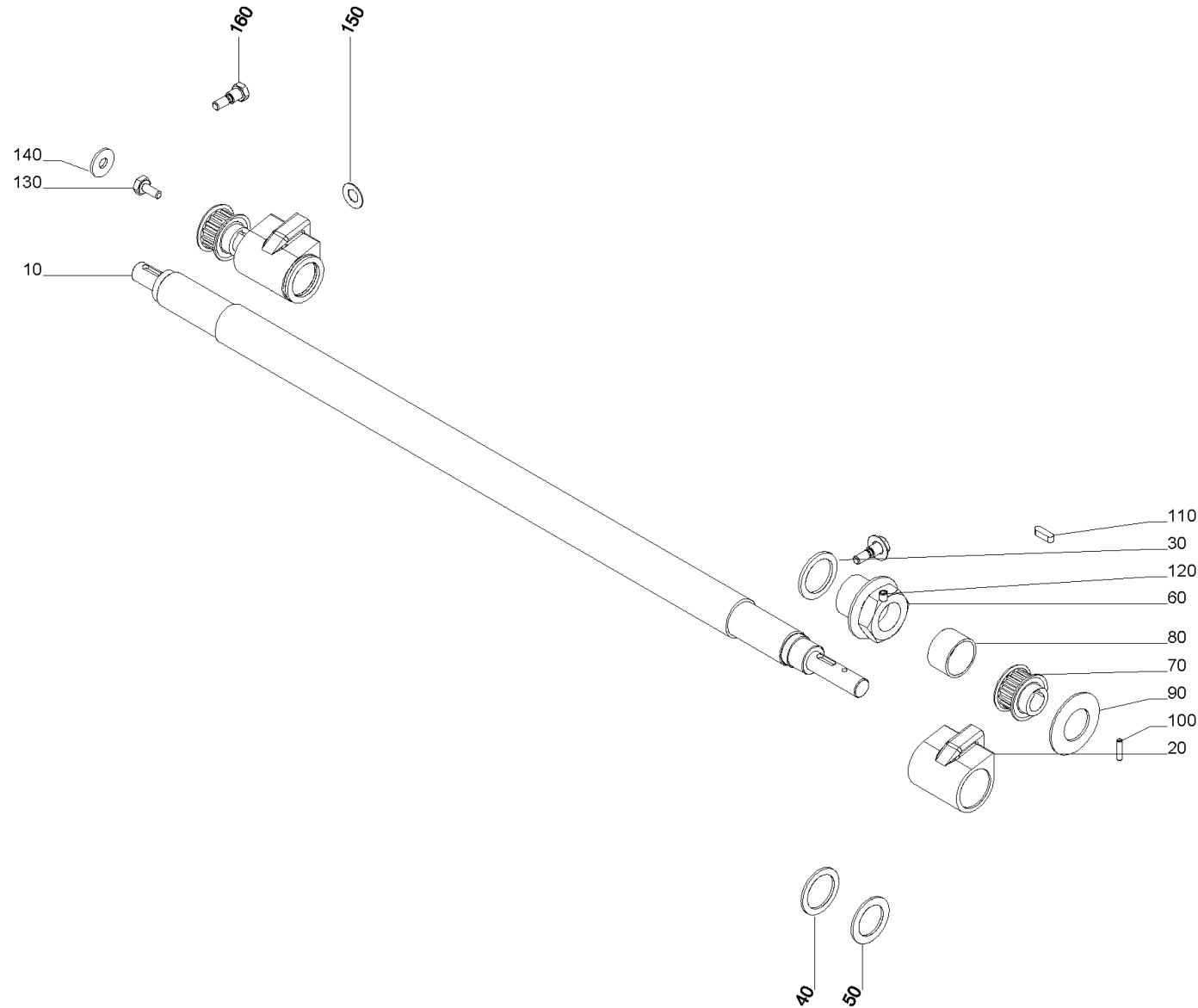
packaging machine (RM)\basic machine\die adjustment\die adjustment



pos	material	document	version	description	quantity	quantity unit	SPC
310	75200000602			hexagon nut	1,000	PC	9
320	75200000502			hexagon nut	2,000	PC	9
330	75211030602			disk	1,000	PC	9
340	75021061502			countersunk flat head screw	2,000	PC	9
350	75211010802			disk	2,000	PC	9

bearing  
10658177

packaging machine (RM)\basic machine\die adjustment\die adjustment\bearing



bearing

106581777

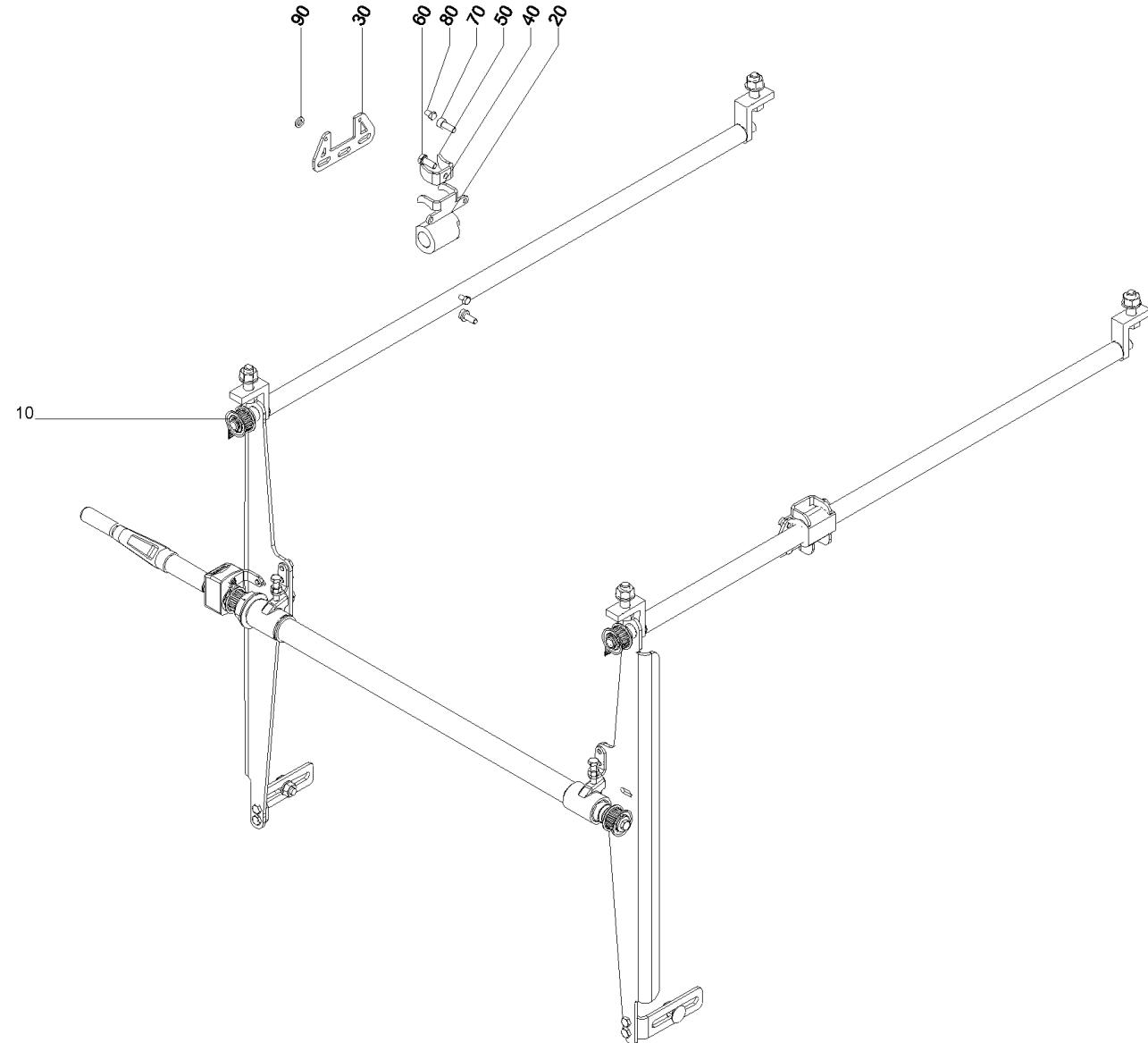
packaging machine (RM)\basic machine\die adjustment\die adjustment\bearing



pos	material	document	version	description	quantity	quantity unit	SPC
10	106581758			shaft	1,000	PC	9
20	105604942			mount	2,000	PC	9
30	106576372			disk	1,000	PC	9
40	19717122020			disk	1,000	PC	5
50	19717120920			disk	1,000	PC	9
60	19131101512			screw nut	1,000	PC	9
70	107714380			timing pulley	2,000	PC	9
80	78722022150			slide bearings	4,000	PC	5
90	75701040802			disc spring	2,000	PC	9
100	75305030900			retaining bush	1,000	PC	9
110	75375040530			spline	2,000	PC	9
120	75052060402			grub screw	1,000	PC	9
130	75001060916			hexagon-head bolt	1,000	PC	9
140	75211030602			disk	1,000	PC	9
150	106064434			disc spring	4,000	PC	9
160	106632121			collar screw	4,000	PC	9

die adjustment  
108090720

packaging machine (RM)\basic machine\die adjustment



## die adjustment

108090720

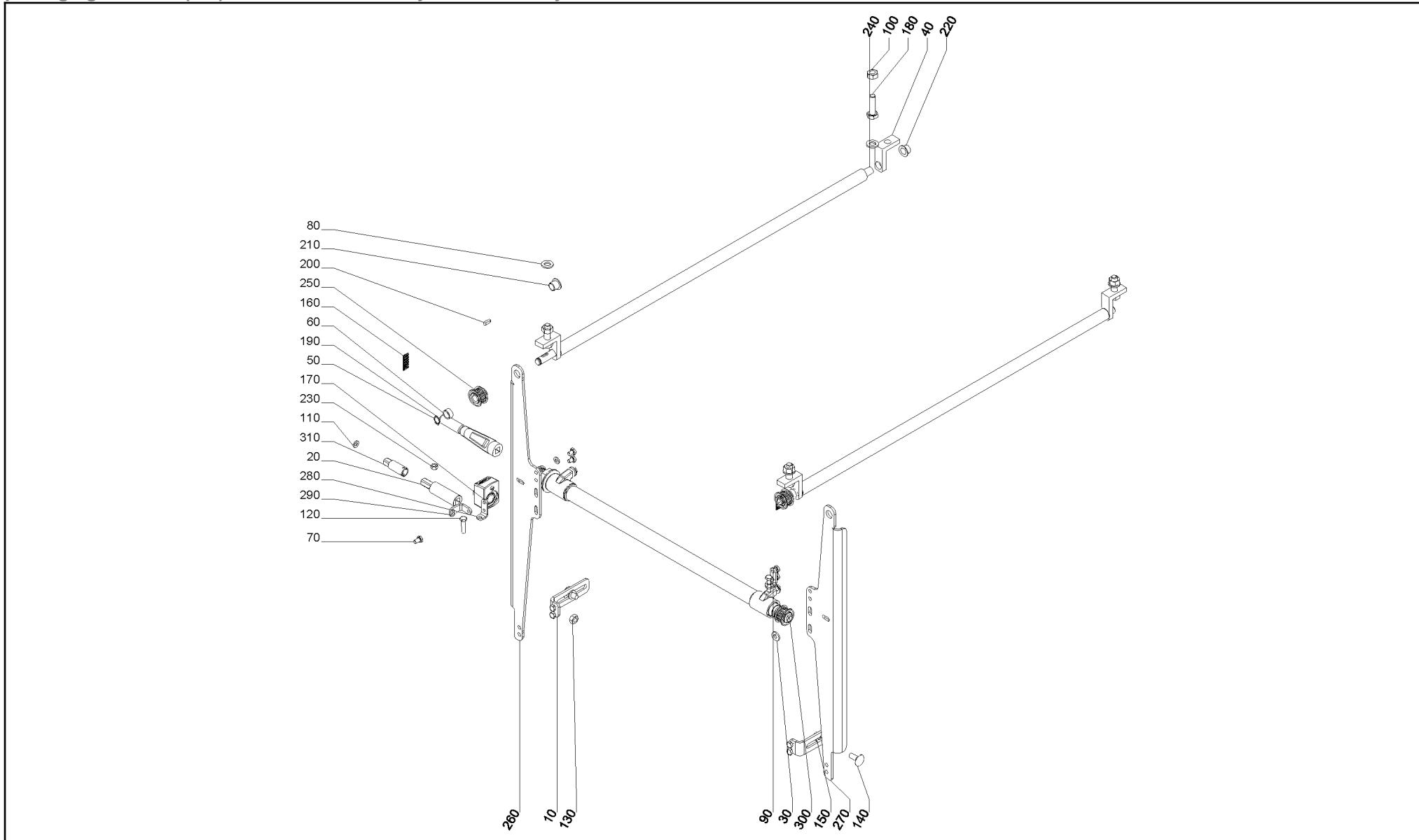
packaging machine (RM)\basic machine\die adjustment



pos	material	document	version	description	quantity	quantity unit	SPC
10	108090741	16000590975	0	die adjustment	1,000	PC	9
20	11640031500			spindle nut	2,000	PC	5
30	106202509			mount	2,000	PC	N
40	106209677			clamp	2,000	PC	9
50	106202562			clamp	2,000	PC	9
60	75001061116			hexagon-head bolt	4,000	PC	9
70	75010061116			cylindrical screw	2,000	PC	9
80	75001050602			hexagon-head bolt	4,000	PC	9
90	75211010602			disk	4,000	PC	9

die adjustment  
108090741

packaging machine (RM)\basic machine\die adjustment\die adjustment



## die adjustment

108090741

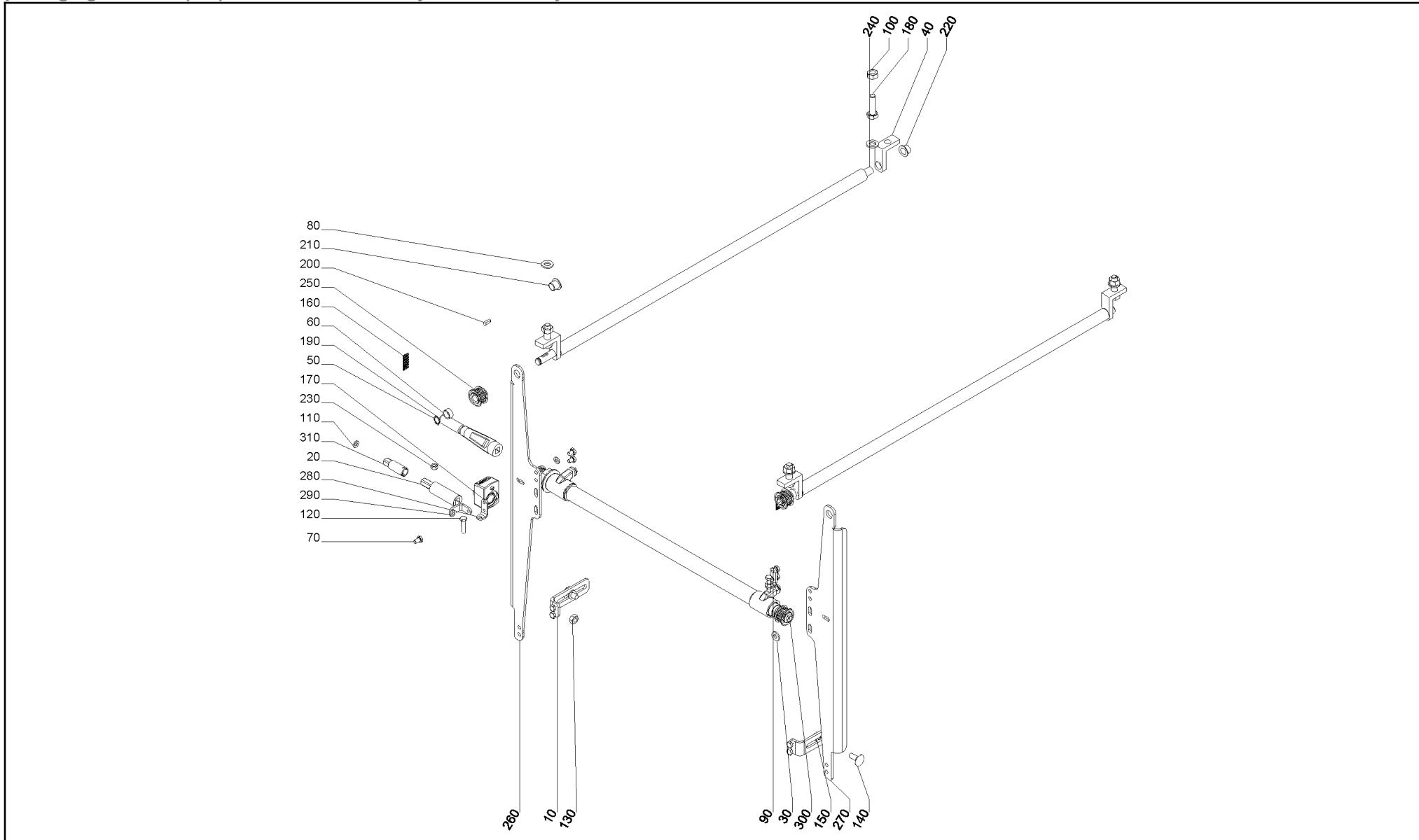
packaging machine (RM)\basic machine\die adjustment\die adjustment



pos	material	document	version	description	quantity	quantity unit	SPC
10	106259005			bracket	2,000	PC	9
20	105399541			shaft	1,000	PC	9
30	106671946			distance bushing	4,000	PC	9
40	106461349			bracket	4,000	PC	9
50	78100001202			retaining ring	2,000	PC	9
60	101999267			spacer ring	2,000	PC	N
70	75001060816			hexagon-head bolt	6,000	PC	9
80	75211011002			disk	4,000	PC	9
90	75001060602			hexagon-head bolt	4,000	PC	9
100	75200001002			hexagon nut	4,000	PC	9
110	75211010602			disk	2,000	PC	9
120	75001061502			hexagon-head bolt	2,000	PC	9
130	75200000802			hexagon nut	2,000	PC	9
140	105076479			flat-head bolt	2,000	PC	9
150	75211010802			disk	2,000	PC	9
160	79633210911			timing belt	2,000	PC	9
170	106200013			position indicator	1,000	PC	5
180	75001101816			hexagon-head bolt	4,000	PC	9
190	96627000010			hand crank	1,000	PC	9
200	75375040530			spline	2,000	PC	9
210	105465940			slide bearings	2,000	PC	3
220	78730012100			slide bearings	2,000	PC	3
230	75200000602			hexagon nut	2,000	PC	9
240	107902309			arbor	2,000	PC	9
250	107714380			timing pulley	2,000	PC	9
260	106577468			mount	1,000	PC	9
270	106577466			mount	1,000	PC	9
280	106221435			bracket	2,000	PC	9
290	106467769			bracket	1,000	PC	9
300	106581777	16000229094	B	bearing	1,000	PC	9

die adjustment  
108090741

packaging machine (RM)\basic machine\die adjustment\die adjustment



**die adjustment**

**108090741**

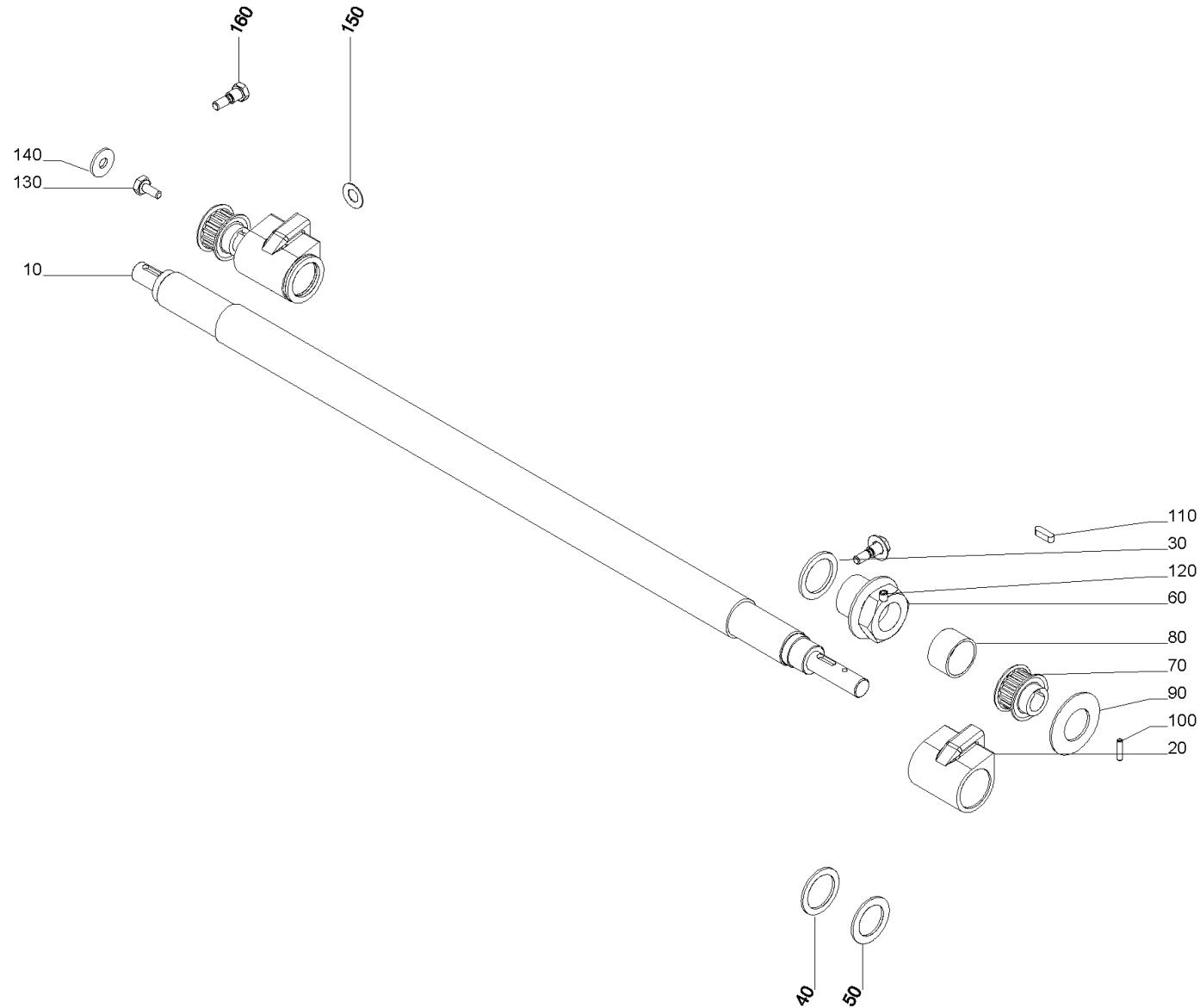
**packaging machine (RM)\basic machine\die adjustment\die adjustment**



pos	material	document	version	description	quantity	quantity unit	SPC
310	106206843			shaft	1,000	PC	9

bearing  
10658177

packaging machine (RM)\basic machine\die adjustment\die adjustment\bearing



bearing

106581777

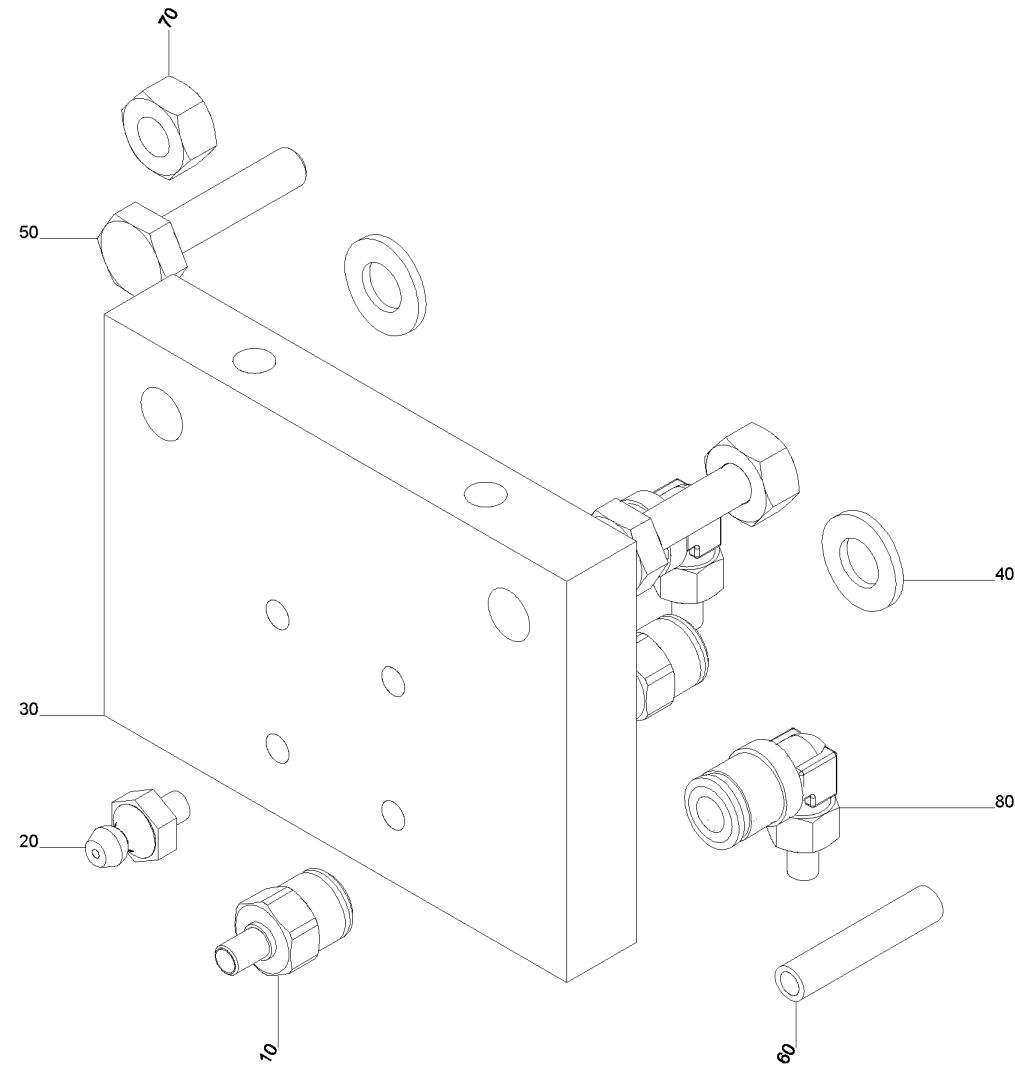
packaging machine (RM)\basic machine\die adjustment\die adjustment\bearing



pos	material	document	version	description	quantity	quantity unit	SPC
10	106581758			shaft	1,000	PC	9
20	105604942			mount	2,000	PC	9
30	106576372			disk	1,000	PC	9
40	19717122020			disk	1,000	PC	5
50	19717120920			disk	1,000	PC	9
60	19131101512			screw nut	1,000	PC	9
70	107714380			timing pulley	2,000	PC	9
80	78722022150			slide bearings	4,000	PC	5
90	75701040802			disc spring	2,000	PC	9
100	75305030900			retaining bush	1,000	PC	9
110	75375040530			spline	2,000	PC	9
120	75052060402			grub screw	1,000	PC	9
130	75001060916			hexagon-head bolt	1,000	PC	9
140	75211030602			disk	1,000	PC	9
150	106064434			disc spring	4,000	PC	9
160	106632121			collar screw	4,000	PC	9

grease lubrication  
105647569

packaging machine (RM)\basic machine\grease lubrication



grease lubrication

105647569

packaging machine (RM)\basic machine\grease lubrication

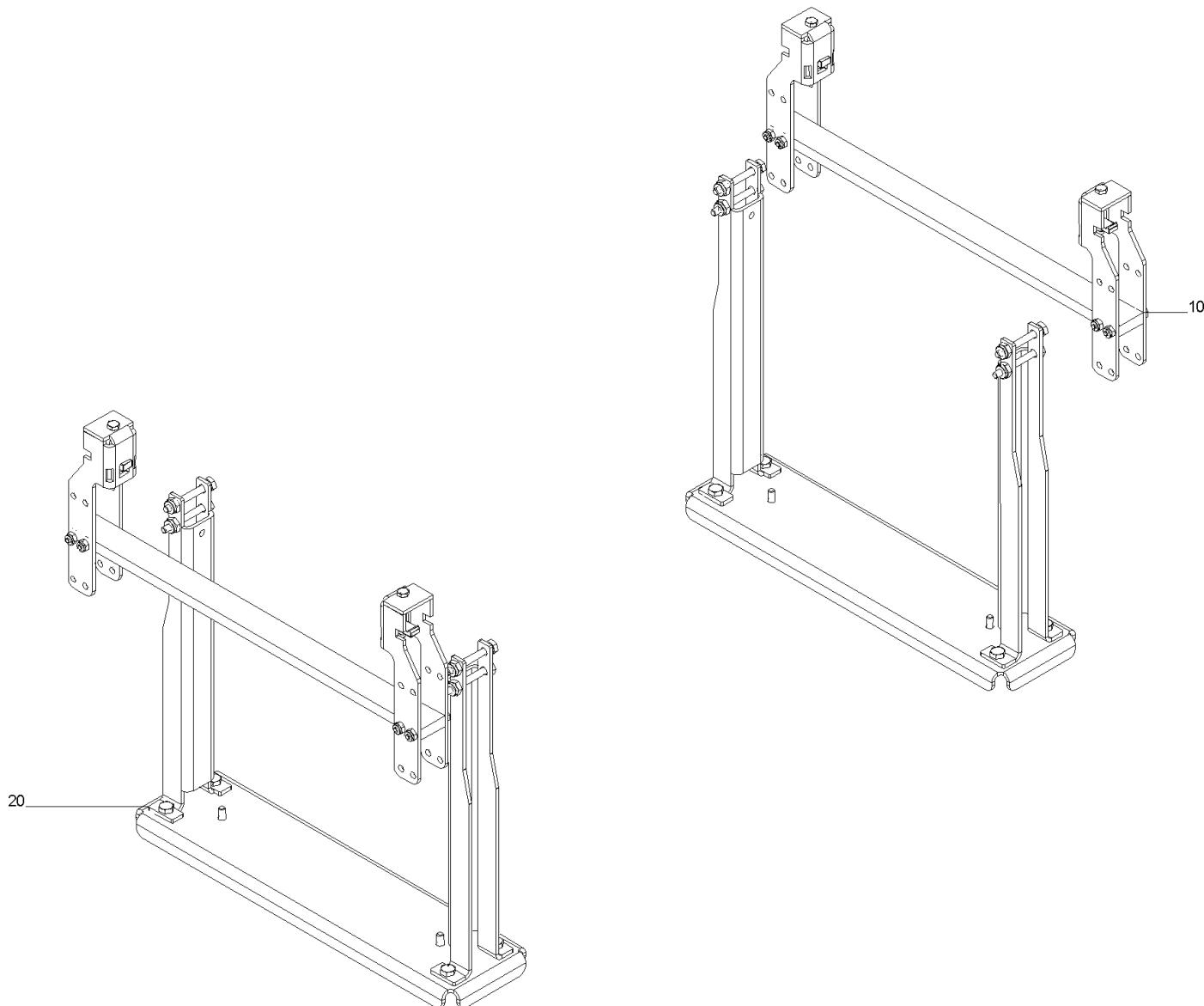


pos	material	document	version	description	quantity	quantity unit	SPC
10	81141840920			threaded coupling	2,000	PC	9
20	75206511602			lubricating nipple, cone type	2,000	PC	9
30	101899122			plate	1,000	PC	9
40	75211010802			disk	2,000	PC	9
50	75001081716			hexagon-head bolt	2,000	PC	9
60	81819103001			hose	2,000	M	5
70	75200000802			hexagon nut	2,000	PC	9
80	81141840800			threaded coupling	2,000	PC	9

installation set

106503795

packaging machine (RM)\basic machine\installation set



installation set

106503795

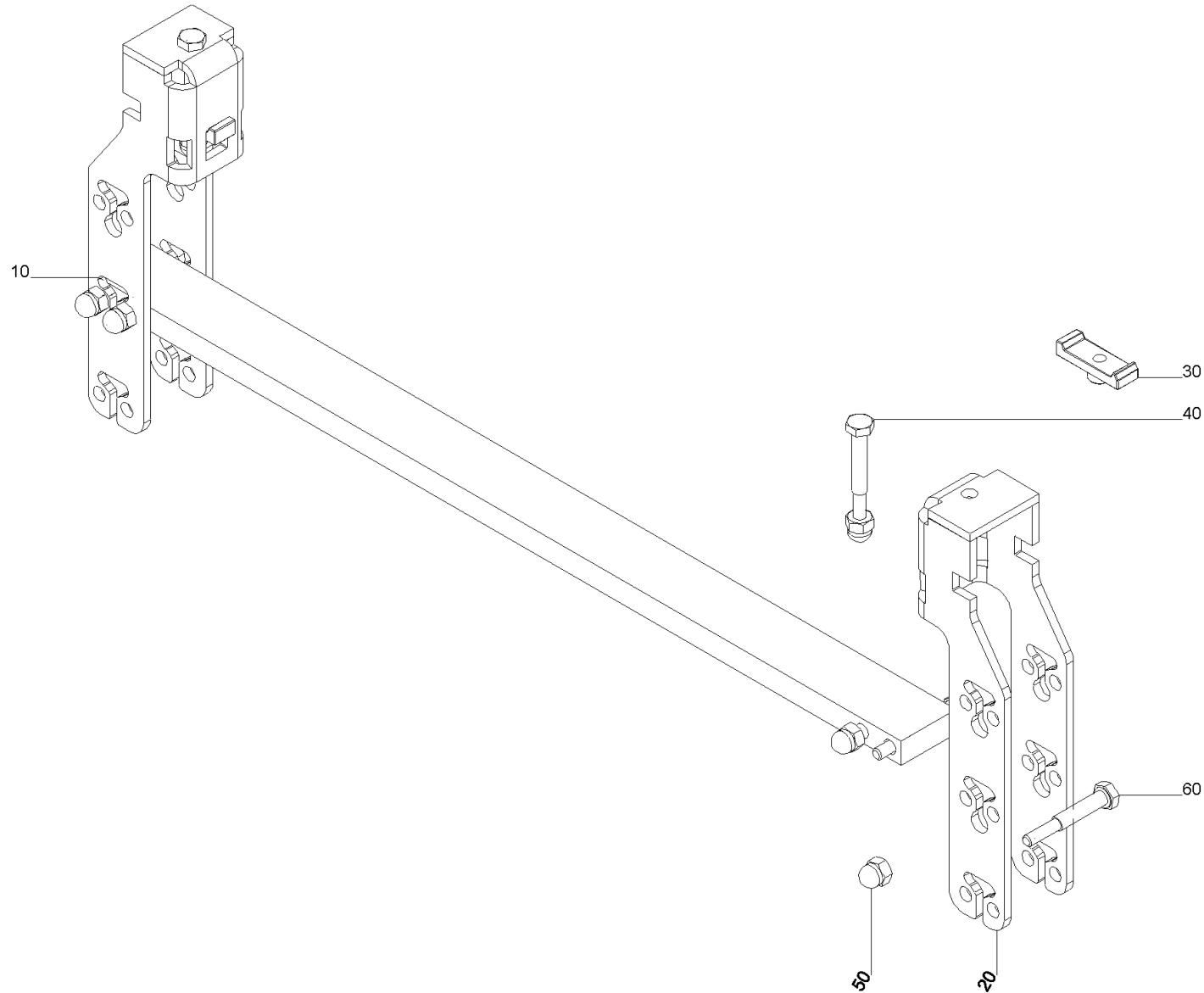
packaging machine (RM)\basic machine\installation set



pos	material	document	version	description	quantity	quantity unit	SPC
10	105820852	16000142273	E	suspension	2,000	PC	9
20	106496800	16000212360	E	suspension	1,000	PC	9

suspension  
105820852

packaging machine (RM)\basic machine\installation set\suspension



**suspension**

**105820852**

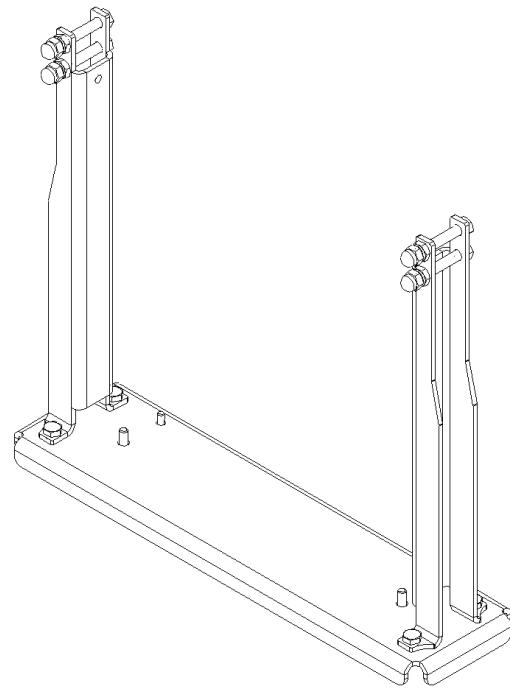
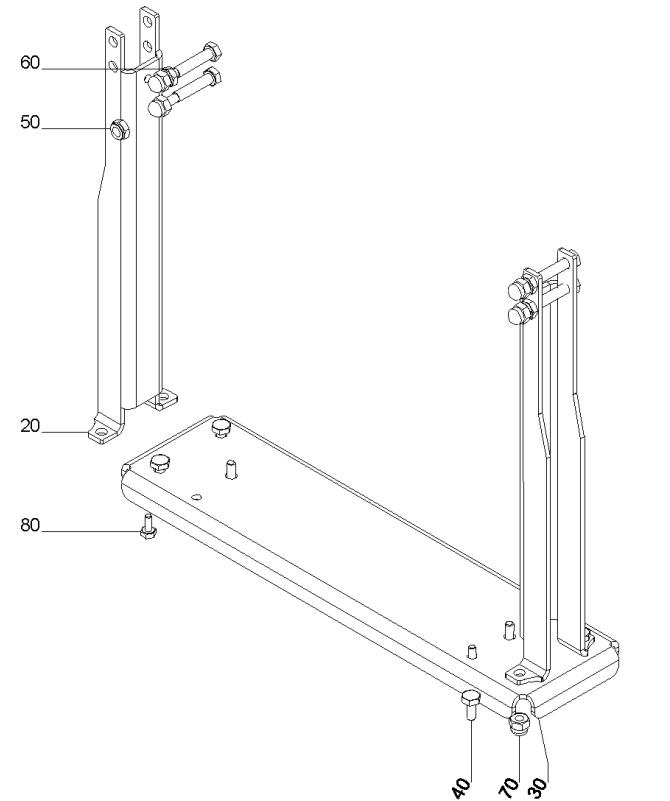
**packaging machine (RM)\basic machine\installation set\suspension**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105820851			cross-arm	1,000	PC	9
20	105808468			carrier	2,000	PC	9
30	105962032			bar	2,000	PC	9
40	75000082316			hexagon-head bolt	2,000	PC	9
50	75200300802			cap nut	6,000	PC	9
60	105971658			hexagon-head bolt	4,000	PC	9

suspension  
106496800

packaging machine (RM)\basic machine\installation set\suspension



**suspension**

**106496800**

**packaging machine (RM)\basic machine\installation set\suspension**



pos	material	document	version	description	quantity	quantity unit	SPC
20	105830388			carrier	4,000	PC	9
30	106496913			console	2,000	PC	9
40	75001101316			hexagon-head bolt	12,000	PC	9
50	75200201002			hexagon nut	8,000	PC	9
60	75000102316			hexagon-head bolt	8,000	PC	9
70	105573178			cap nut	16,000	PC	9
80	75001081116			hexagon-head bolt	4,000	PC	9

suspension  
105505000

packaging machine (RM)\basic machine\suspension



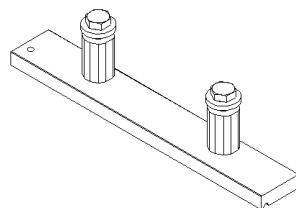
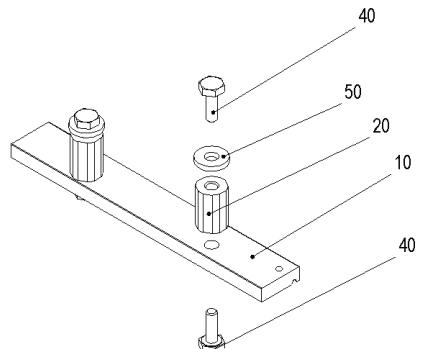
SYMBOLISCHE  
DARSTELLUNG  
SYMBOLIC  
REPRESENTATION  
SCHEMA  
REPRESENTACION  
SIMBOLICA

Document  
**16000043901**

Version Name  
**a** schwanin

Date Sheet  
29.5.2008 1/1

16000043901\_aufhangung



Aufhängung  
suspension

élément-support  
dispositivo de suspensión

**suspension**

**105505000**

**packaging machine (RM)\basic machine\suspension**

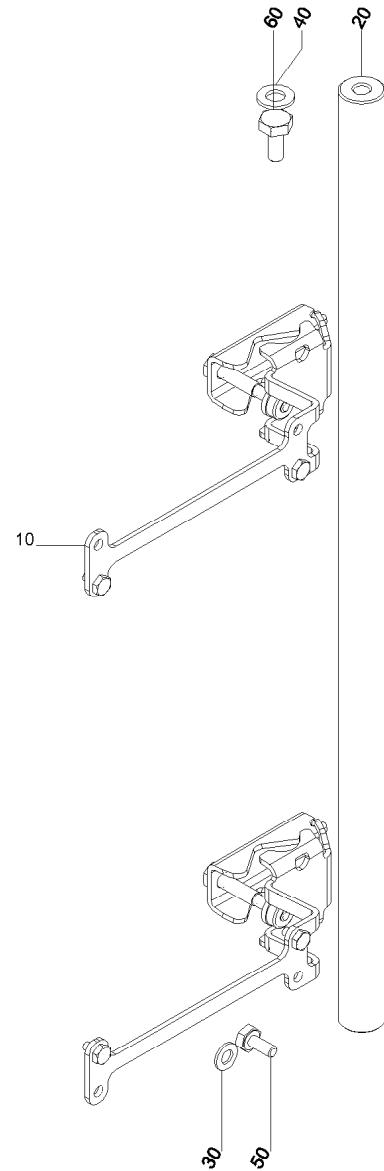


pos	material	document	version	description	quantity	quantity unit	SPC
10	105502208			guide bar	2,000	PC	9
20	107138562			female connector	4,000	PC	9
40	75001101516			hexagon-head bolt	8,000	PC	9
50	75211041002			disk	4,000	PC	9

mount

105790259

packaging machine (RM)\basic machine\mount



mount

105790259

packaging machine (RM)\basic machine\mount

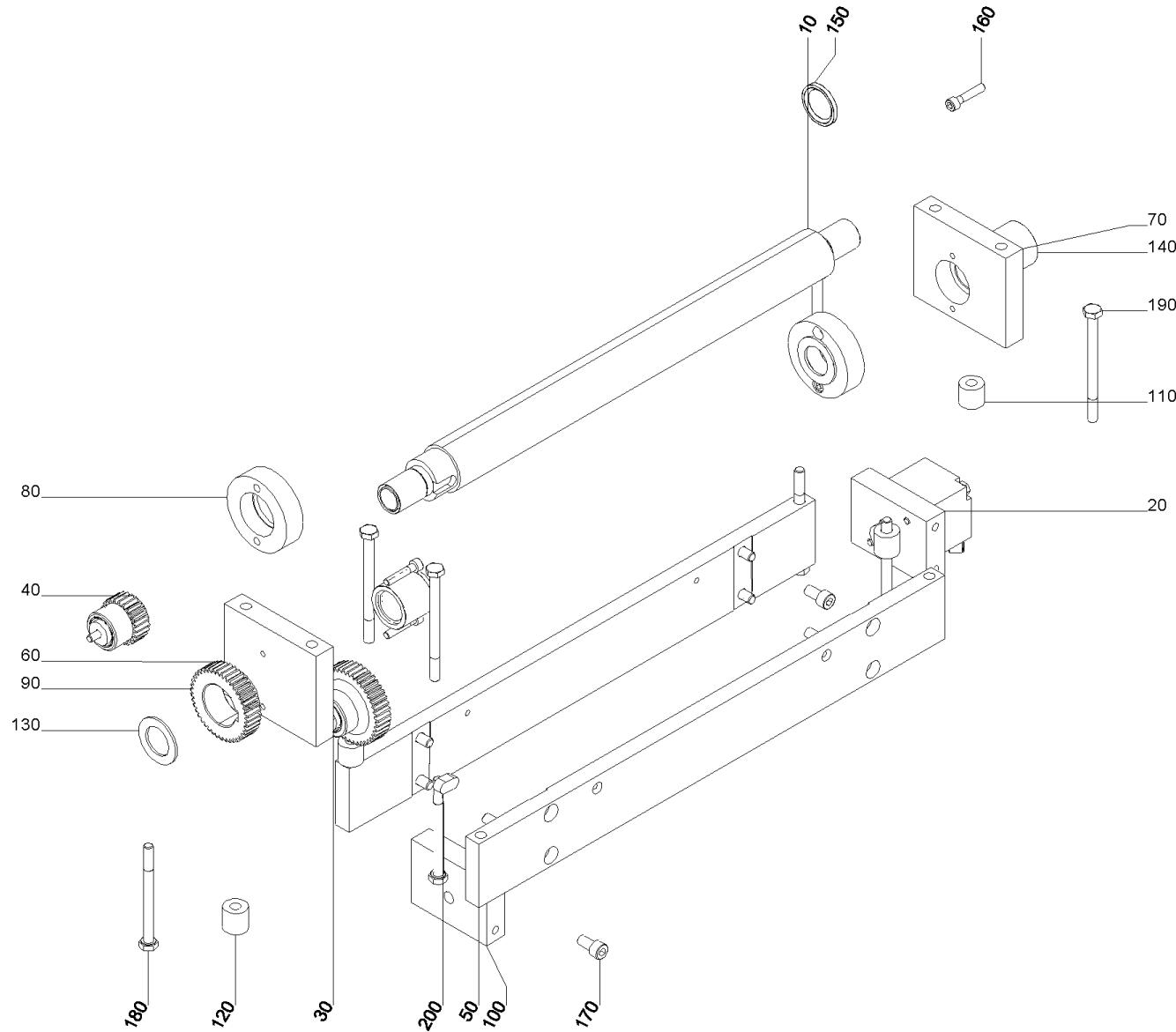


pos	material	document	version	description	quantity	quantity unit	SPC
10	105790260			mount	1,000	PC	9
20	105408987			shaft	1,000	PC	9
30	75211010802			disk	1,000	PC	9
40	75211011002			disk	1,000	PC	9
50	75001081116			hexagon-head bolt	1,000	PC	9
60	75001101316			hexagon-head bolt	1,000	PC	9

squeezing knife unit

107997968

packaging machine (RM)\basic machine\squeezing knife unit



squeezing knife unit

107997968

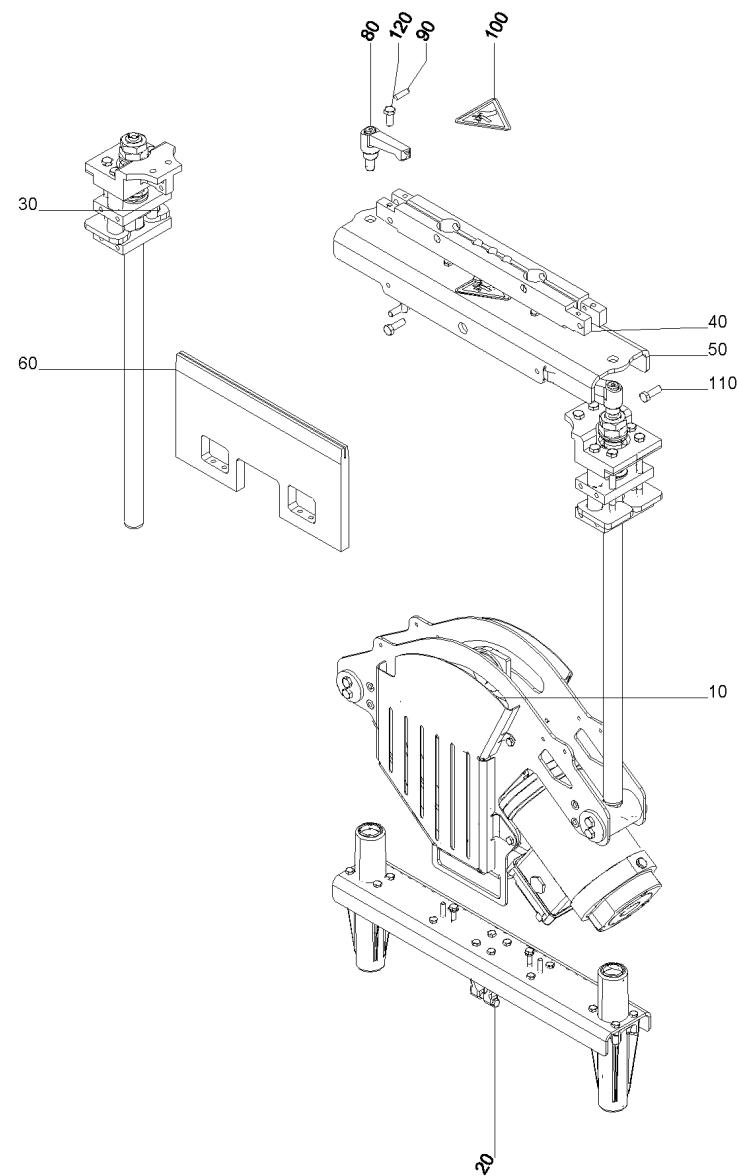
packaging machine (RM)\basic machine\squeezing knife unit



pos	material	document	version	description	quantity	quantity unit	SPC
10	19351355021			rotary knife shaft	1,000	PC	9
20	106014474			cylinder	1,000	PC	9
30	105360497			cog-wheel	1,000	PC	9
40	105642958			cog-wheel	1,000	PC	9
50	19216570508			bar	2,000	PC	9
60	11651065001			plate	1,000	PC	9
70	11651065000			plate	1,000	PC	9
80	11651038500			bearing flange	2,000	PC	9
90	19555242200			cog-wheel	1,000	PC	5
100	11551965500			holding device	1,000	PC	9
110	101995365			female connector	2,000	PC	9
120	105228192			female connector	2,000	PC	9
130	19717125720			disk	2,000	PC	1
140	78534102504			needle bearing	2,000	PC	9
150	78351025101			radial packing ring	2,000	PC	9
160	75010061702			cylindrical screw	4,000	PC	9
170	75010081102			cylindrical screw	8,000	PC	9
180	75000082902			hexagon-head bolt	4,000	PC	9
190	75000083102			hexagon-head bolt	4,000	PC	9
200	75375100830			spline	1,000	PC	9

**cross cutting**  
**108090958**

packaging machine (RM)\basic machine\cross cutting



**cross cutting**

**108090958**

**packaging machine (RM)\basic machine\cross cutting**

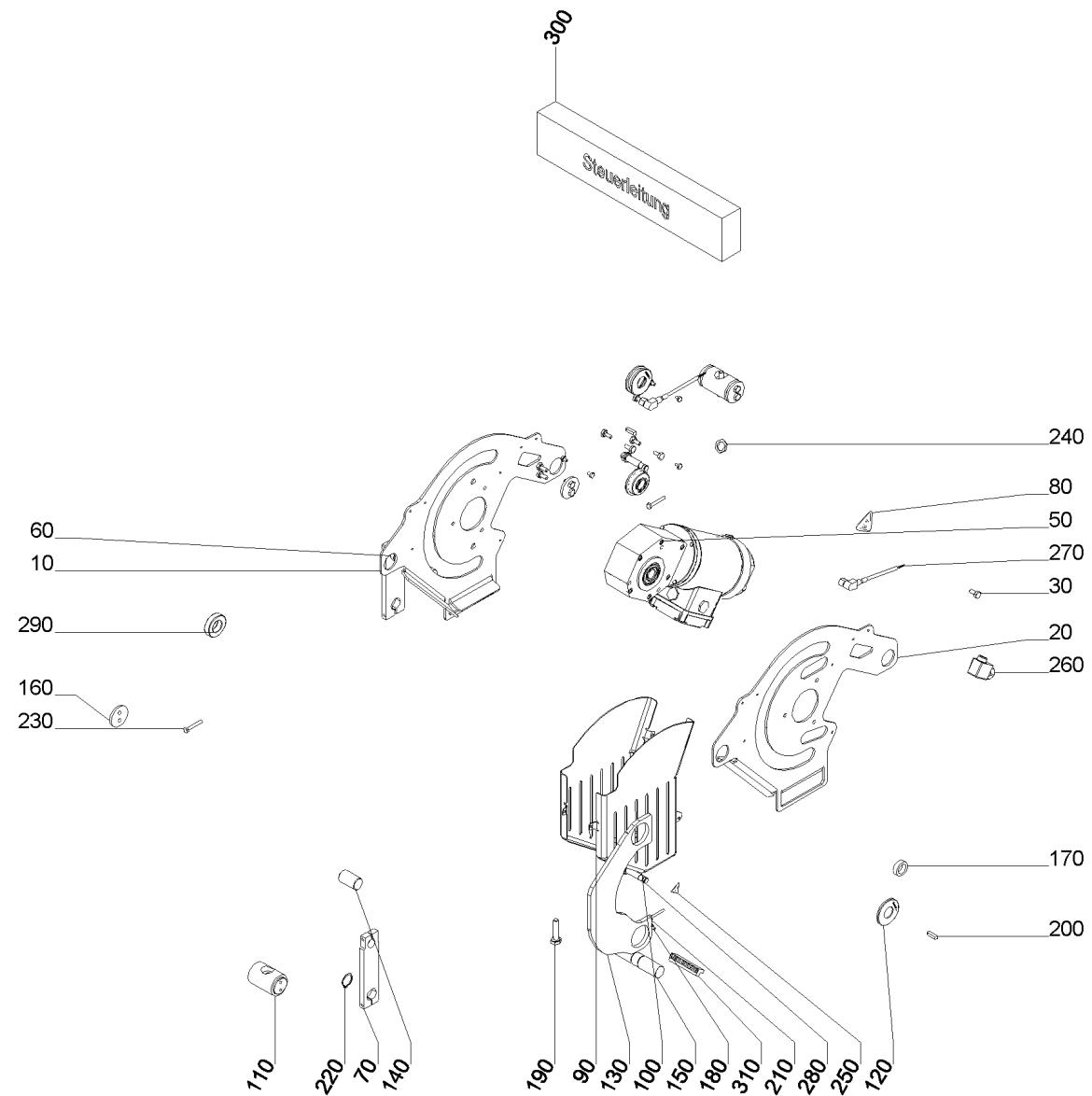


pos	material	document	version	description	quantity	quantity unit	SPC
10	107366001	16000426895	H	lifting mechanism	1,000	PC	9
20	107079575	16000350699	D	Counter-holder	1,000	PC	9
30	107322912	16000422960	B	guide	2,000	PC	N
40	108090943	16000590992	A	pressure ridge	1,000	PC	9
50	108090948	16000590993	D	Cross cutter top section	1,000	PC	9
60	107080276			top unit	1,000	PC	9
80	106795915			clamping lever	2,000	PC	9
90	75300061402			straight pin	2,000	PC	9
100	105526128			warning sign	1,000	PC	5
110	75001081516			hexagon-head bolt	4,000	PC	9
120	75001081316			hexagon-head bolt	4,000	PC	9

lifting mechanism

107366001

packaging machine (RM)\basic machine\cross cutting\lifting mechanism



## lifting mechanism

107366001

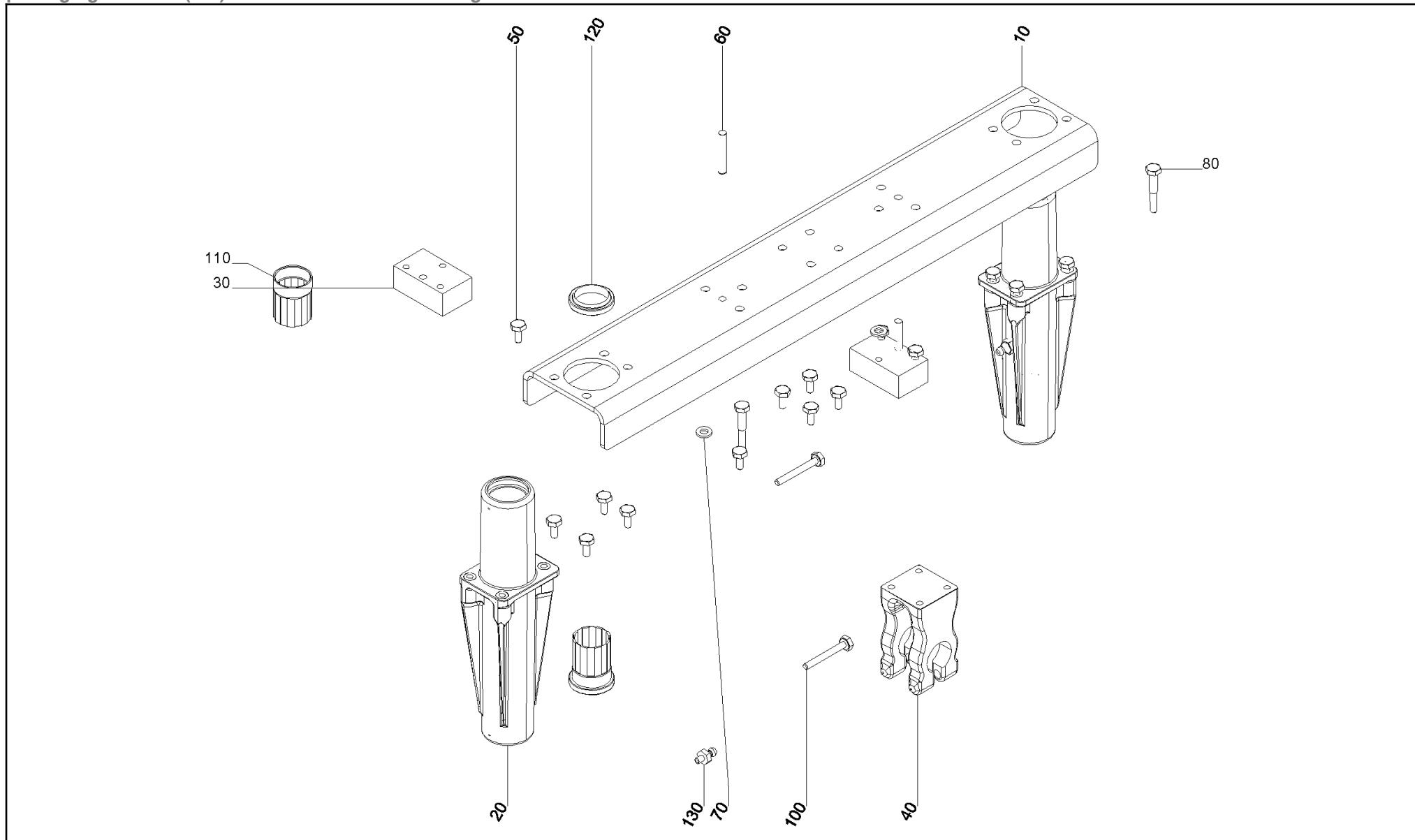
packaging machine (RM)\basic machine\cross cutting\lifting mechanism



pos	material	document	version	description	quantity	quantity unit	SPC
10	106703740			sheet	1,000	PC	9
20	106703746			sheet	1,000	PC	9
30	75001081116			hexagon-head bolt	14,000	PC	9
50	106667098			spur wheel gear motor	1,000	PC	5
60	106221898			lever	1,000	PC	9
70	106005117			plate	1,000	PC	9
80	105481123			warning sign	1,000	PC	5
90	107349412			sheet	1,000	PC	9
100	107349411			guard plate	1,000	PC	9
110	106210877			stud	2,000	PC	9
120	106968790			disk	4,000	PC	3
130	106007858			lever	1,000	PC	9
140	107339099			stud	1,000	PC	9
150	106221896			stud	1,000	PC	9
160	105633567			disk	4,000	PC	9
170	51405396112			spacer ring	1,000	PC	9
180	75001060602			hexagon-head bolt	6,000	PC	9
190	75001122016			hexagon-head bolt	2,000	PC	9
200	75375061030			spline	2,000	PC	9
210	75001061802			hexagon-head bolt	1,000	PC	9
220	78100002502			retaining ring	2,000	PC	9
230	75001061916			hexagon-head bolt	2,000	PC	9
240	85131102022			screw nut	1,000	PC	9
250	81981211531			warning sign	1,000	PC	5
260	85131115956			angle union	1,000	PC	9
270	107918461			connection cable	2,000	PC	5
280	106624473			proximity switch	2,000	PC	5
290	78501030504			radial deep groove ball bearing	2,000	PC	1
300	85219120102			control line	8,000	M	9
310	106482317			clutch	1,000	PC	5

Counter-holder  
107079575

packaging machine (RM)\basic machine\cross cutting\Counter-holder



## Counter-holder

107079575

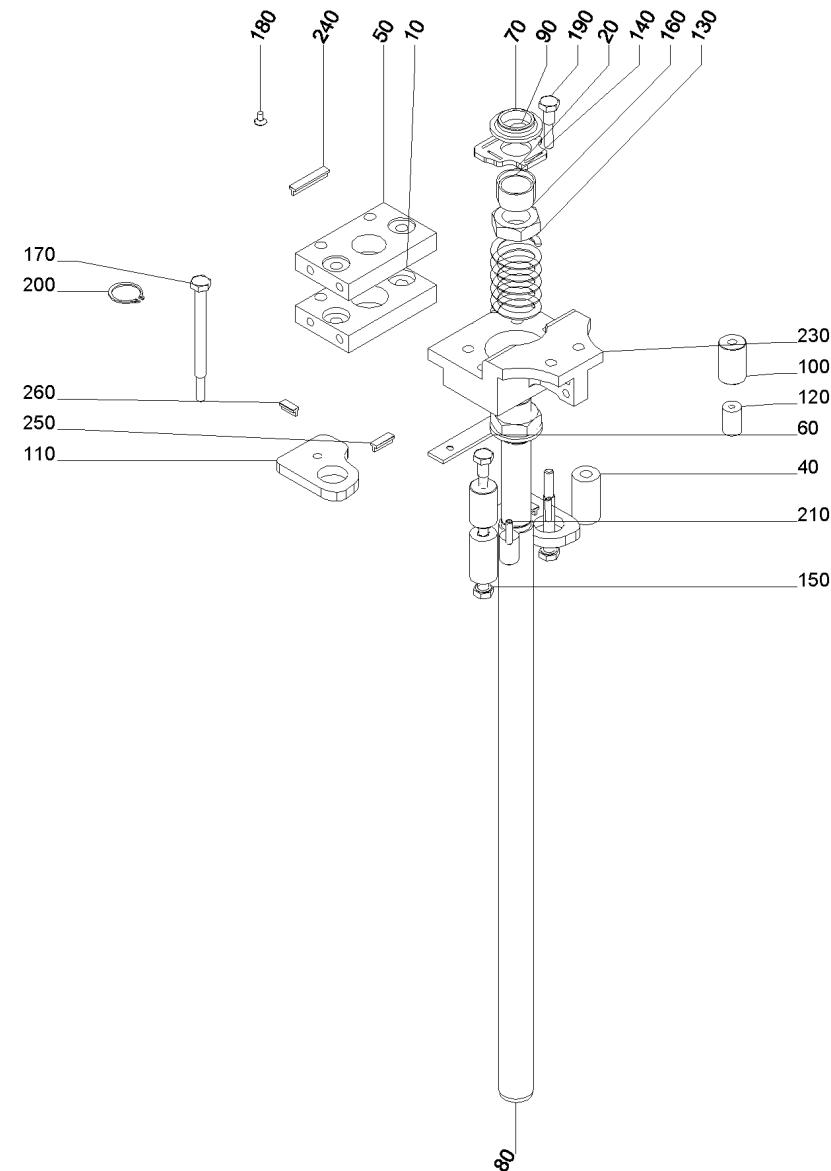
packaging machine (RM)\basic machine\cross cutting\Counter-holder



pos	material	document	version	description	quantity	quantity unit	SPC
10	107079561			sheet	1,000	PC	9
20	107374761			guide	2,000	PC	3
30	107158071			block	2,000	PC	9
40	107278646			lever	1,000	PC	9
50	75001060916			hexagon-head bolt	16,000	PC	9
60	75301061900			straight pin	2,000	PC	9
70	75211010602			disk	2,000	PC	9
80	75000061842			hexagon-head bolt	2,000	PC	9
100	75001061916			hexagon-head bolt	2,000	PC	9
110	105079599			Linear sliding bearing	4,000	PC	5
120	80209407300			stripper	4,000	PC	5
130	75206511602			lubricating nipple, cone type	2,000	PC	9

guide  
107322912

packaging machine (RM)\basic machine\cross cutting\guide



guide

107322912

packaging machine (RM)\basic machine\cross cutting\guide

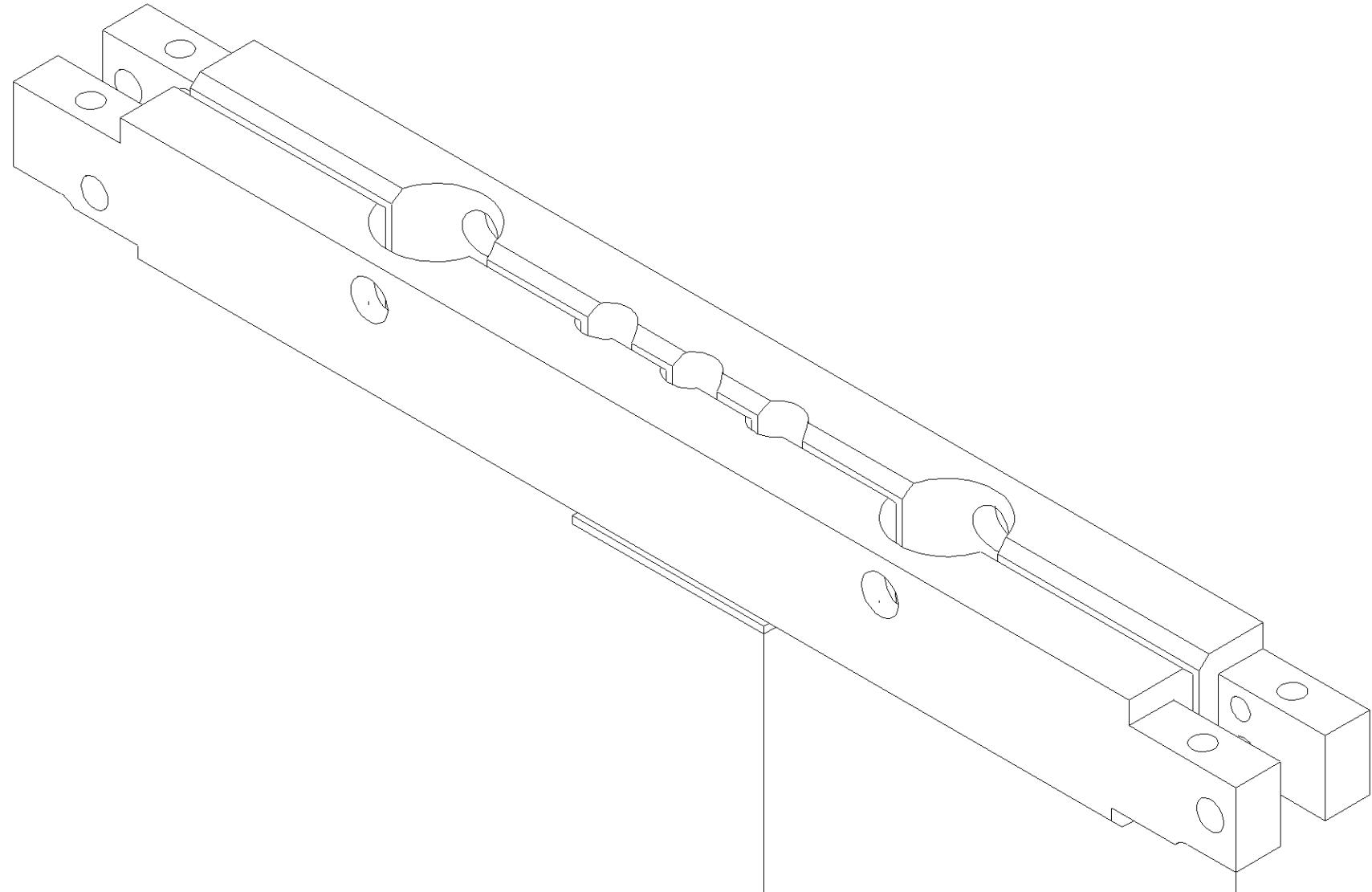


pos	material	document	version	description	quantity	quantity unit	SPC
10	107338629			plate	1,000	PC	N
20	78721025150			slide bearings	1,000	PC	3
40	52990006452			female connector	2,000	PC	9
50	106731397			plate	1,000	PC	9
60	106665556			slider	1,000	PC	N
70	106726517			disk	2,000	PC	9
80	106726531			guide column	1,000	PC	9
90	106716418			sheet	1,000	PC	N
100	106731074			shaft	2,000	PC	9
110	107156041			sheet	2,000	PC	N
120	105689837			stud	2,000	PC	9
130	106742602			pressure spring	1,000	PC	1
140	78722022150			slide bearings	1,000	PC	5
150	75000082516			hexagon-head bolt	2,000	PC	9
160	107144848			hexagon nut	2,000	PC	9
170	75000083116			hexagon-head bolt	2,000	PC	9
180	75021050602			countersunk flat head screw	2,000	PC	9
190	75000081816			hexagon-head bolt	2,000	PC	9
200	78100002206			retaining ring	1,000	PC	9
210	75052061302			grub screw	2,000	PC	9
230	107157363			link	1,000	PC	9
240	107372811			rubber profile	1,000	PC	W

pressure ridge

108090943

packaging machine (RM)\basic machine\cross cutting\pressure ridge



**pressure ridge**

**108090943**

**packaging machine (RM)\basic machine\cross cutting\pressure ridge**

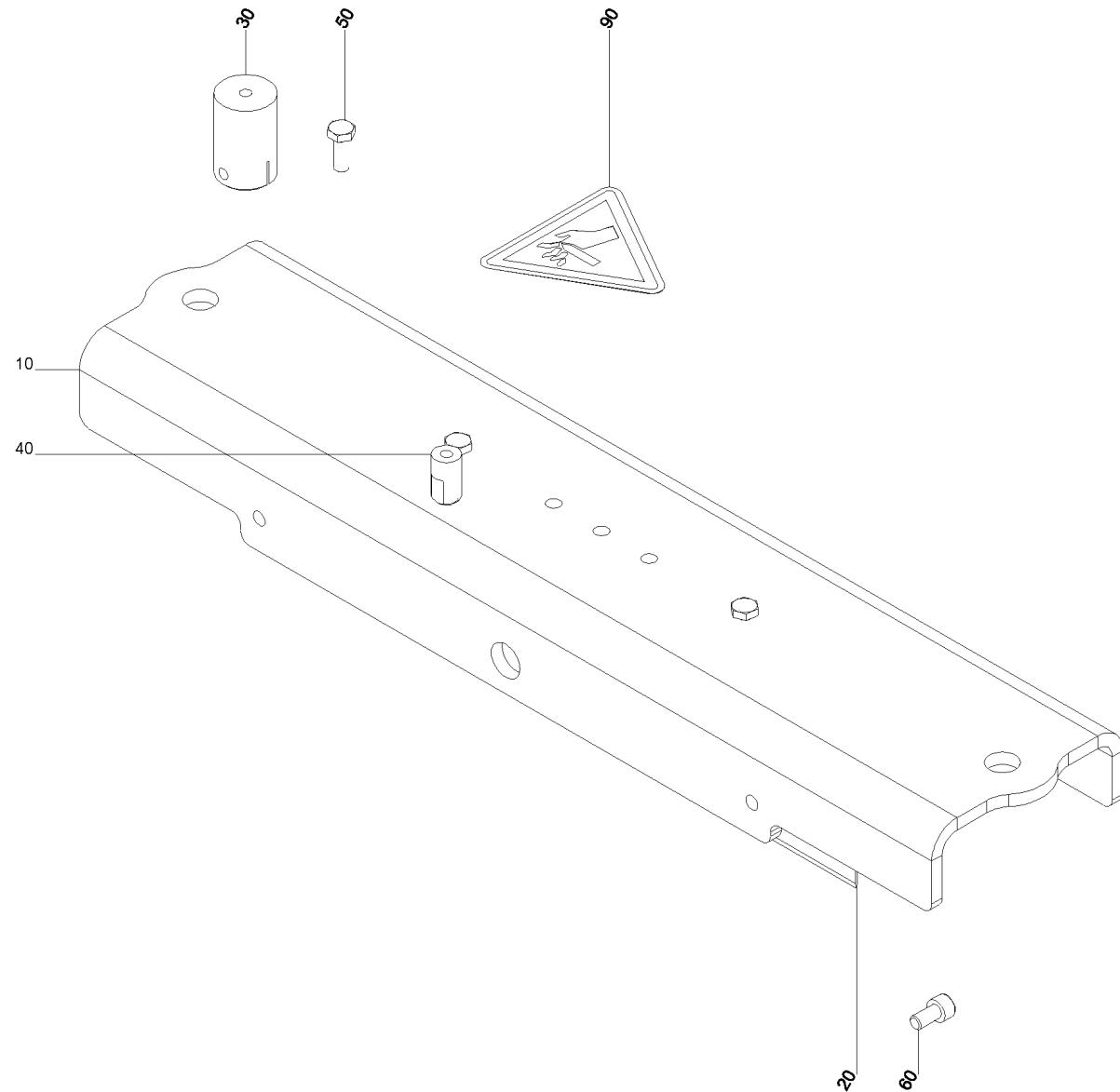


pos	material	document	version	description	quantity	quantity unit	SPC
10	108090931			pressure ridge	2,000	PC	N
20	81866101481			rubber profile	2,000	PC	W

Cross cutter top section

108090948

packaging machine (RM)\basic machine\cross cutting\Cross cutter top section



**Cross cutter top section****108090948**

packaging machine (RM)\basic machine\cross cutting\Cross cutter top section

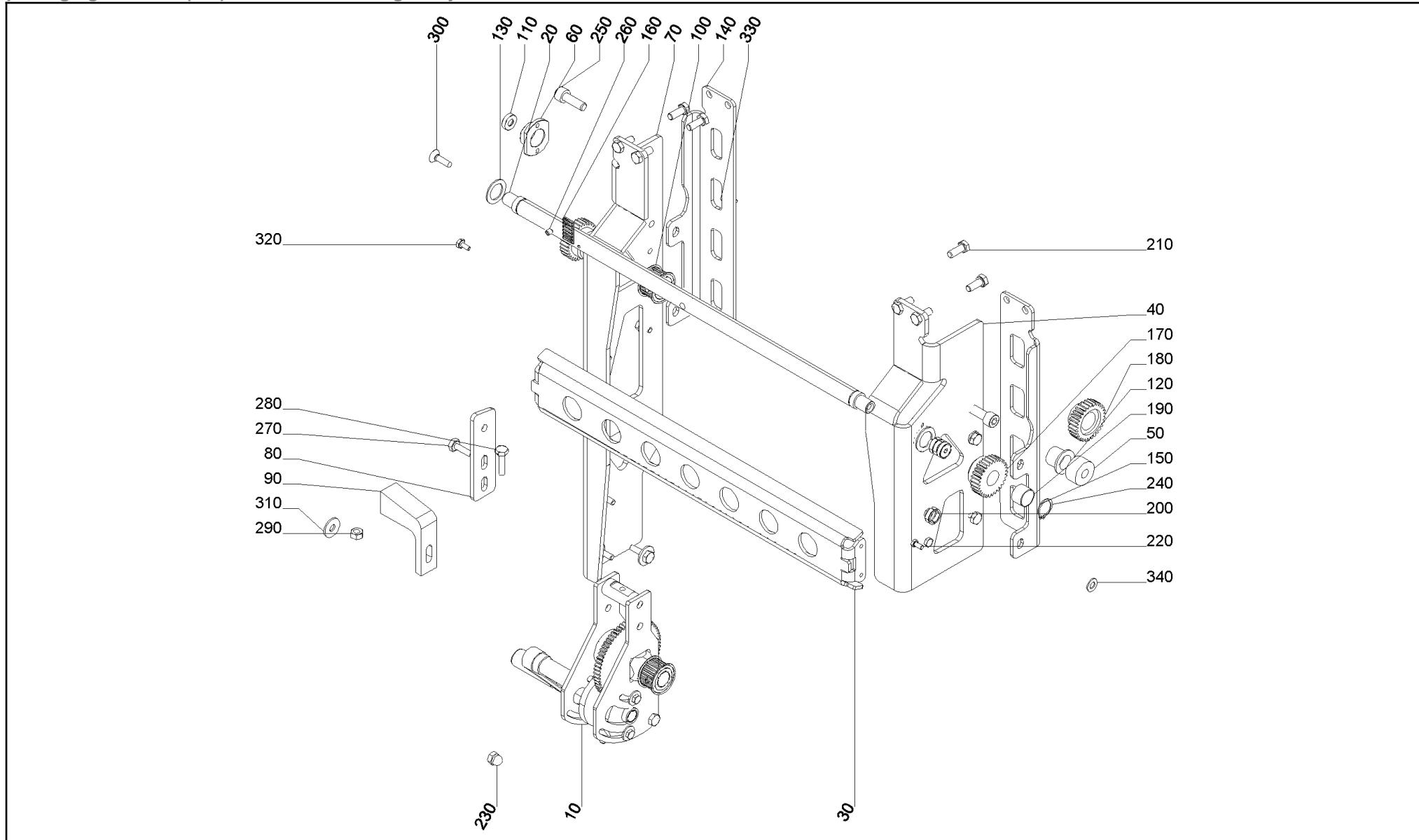


pos	material	document	version	description	quantity	quantity unit	SPC
10	108090933			sheet	1,000	PC	9
20	108090932			knife	2,000	PC	W
30	106727526			knife holder	2,000	PC	9
40	106727241			stud	1,000	PC	9
50	75001061116			hexagon-head bolt	3,000	PC	9
60	75010060902			cylindrical screw	2,000	PC	9
90	105526128			warning sign	1,000	PC	5

length adjustment

107747720

packaging machine (RM)\basic machine\length adjustment



## length adjustment

107747720

packaging machine (RM)\basic machine\length adjustment

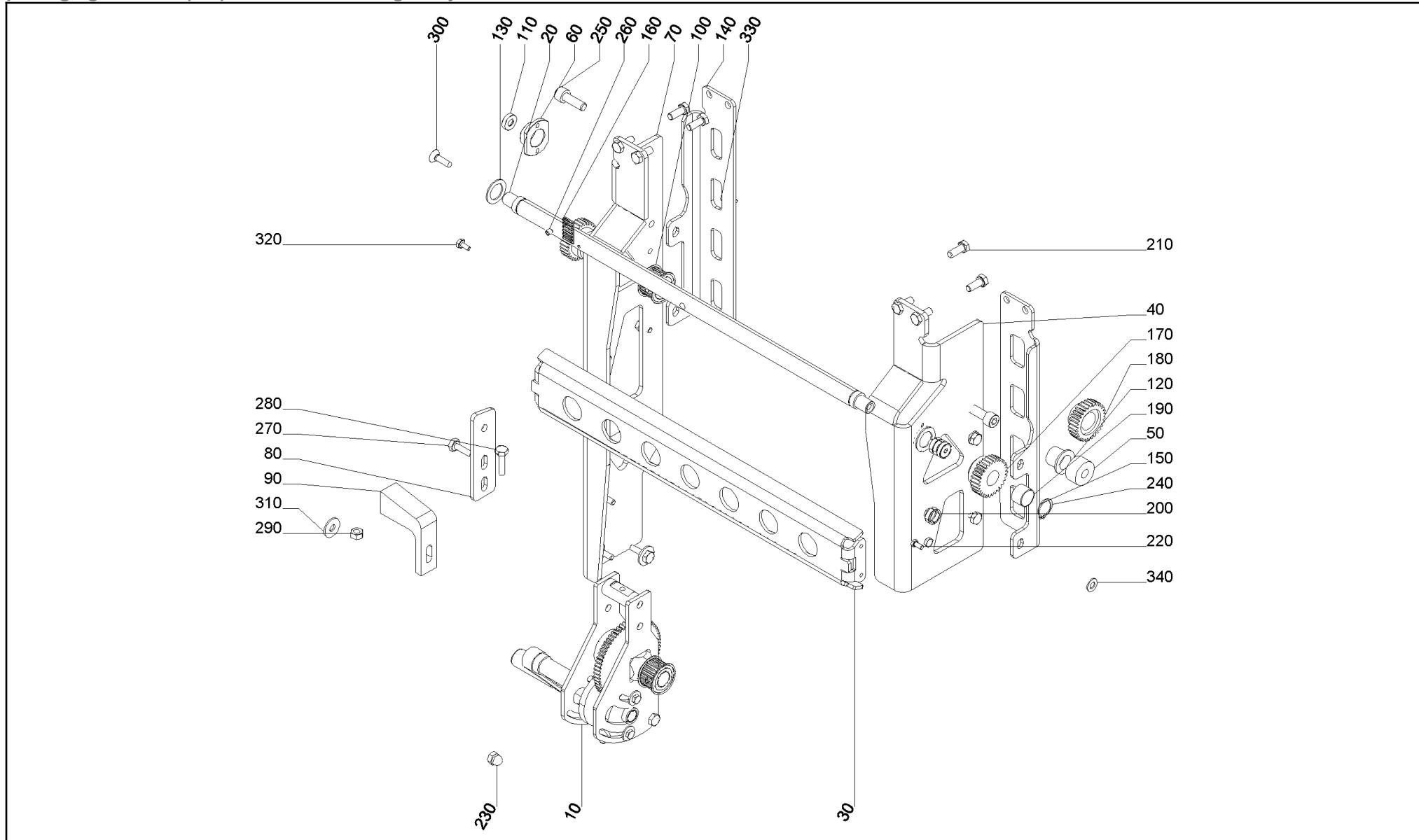


pos	material	document	version	description	quantity	quantity unit	SPC
10	107582967	16000478524	A	gear unit	1,000	PC	N
20	105654233			drive shaft	1,000	PC	9
30	107694192			section	1,000	PC	9
40	107320596			plate	1,000	PC	9
50	106769329			distance bushing	2,000	PC	9
60	106768843			female connector	2,000	PC	9
70	107320594			plate	1,000	PC	9
80	107080320			plate	1,000	PC	9
90	105588478			bearing block	1,000	PC	9
100	19587202200			timing pulley	1,000	PC	5
110	102008073			female connector	2,000	PC	9
120	19413211000			collared socket	2,000	PC	9
130	19717120920			disk	2,000	PC	9
140	107320661			bracket	1,000	PC	9
150	107320798			bracket	1,000	PC	9
160	79633221041			timing belt	1,000	PC	9
170	102008057			cog-wheel	2,000	PC	5
180	19555130204			cog-wheel	2,000	PC	5
190	78722020140			slide bearings	2,000	PC	5
200	106525979			tensioning element	6,000	PC	9
210	75001081316			hexagon-head bolt	8,000	PC	9
220	75001050816			hexagon-head bolt	4,000	PC	9
230	75200300802			cap nut	1,000	PC	9
240	78100002002			retaining ring	2,000	PC	9
250	75010101702			cylindrical screw	2,000	PC	9
260	75053060602			grub screw	1,000	PC	9
270	75001081502			hexagon-head bolt	4,000	PC	9
280	75001081702			hexagon-head bolt	1,000	PC	9
290	75200000802			hexagon nut	1,000	PC	9
300	75020081502			countersunk flat head screw	2,000	PC	9

length adjustment

107747720

packaging machine (RM)\basic machine\length adjustment



**length adjustment**

**107747720**

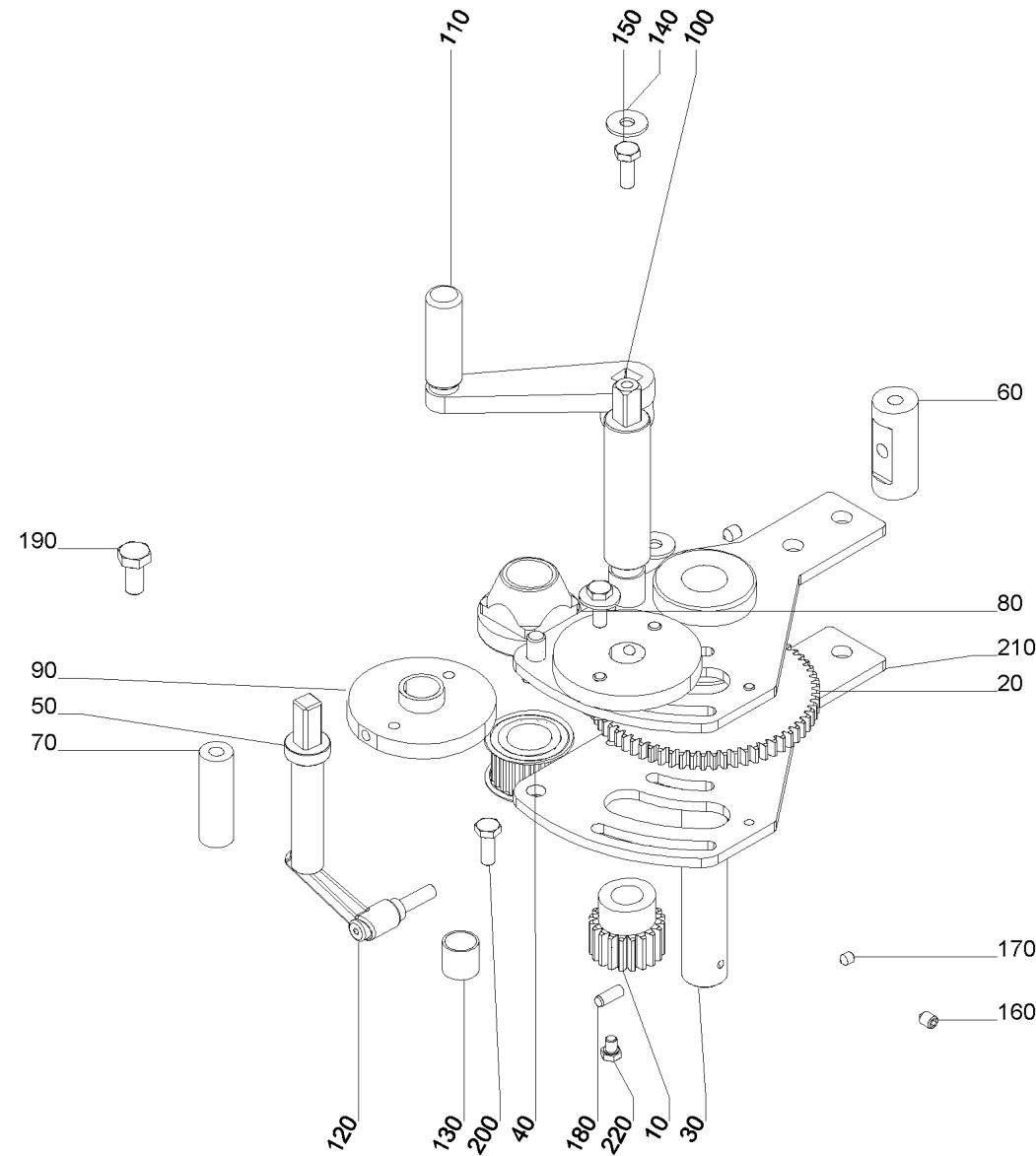
**packaging machine (RM)\basic machine\length adjustment**



pos	material	document	version	description	quantity	quantity unit	SPC
310	75211030802			disk	3,000	PC	9
320	75001060902			hexagon-head bolt	4,000	PC	9
330	75001080902			hexagon-head bolt	4,000	PC	9
340	75211010802			disk	4,000	PC	9

gear unit  
107582967

packaging machine (RM)\basic machine\length adjustment\gear unit



gear unit

107582967

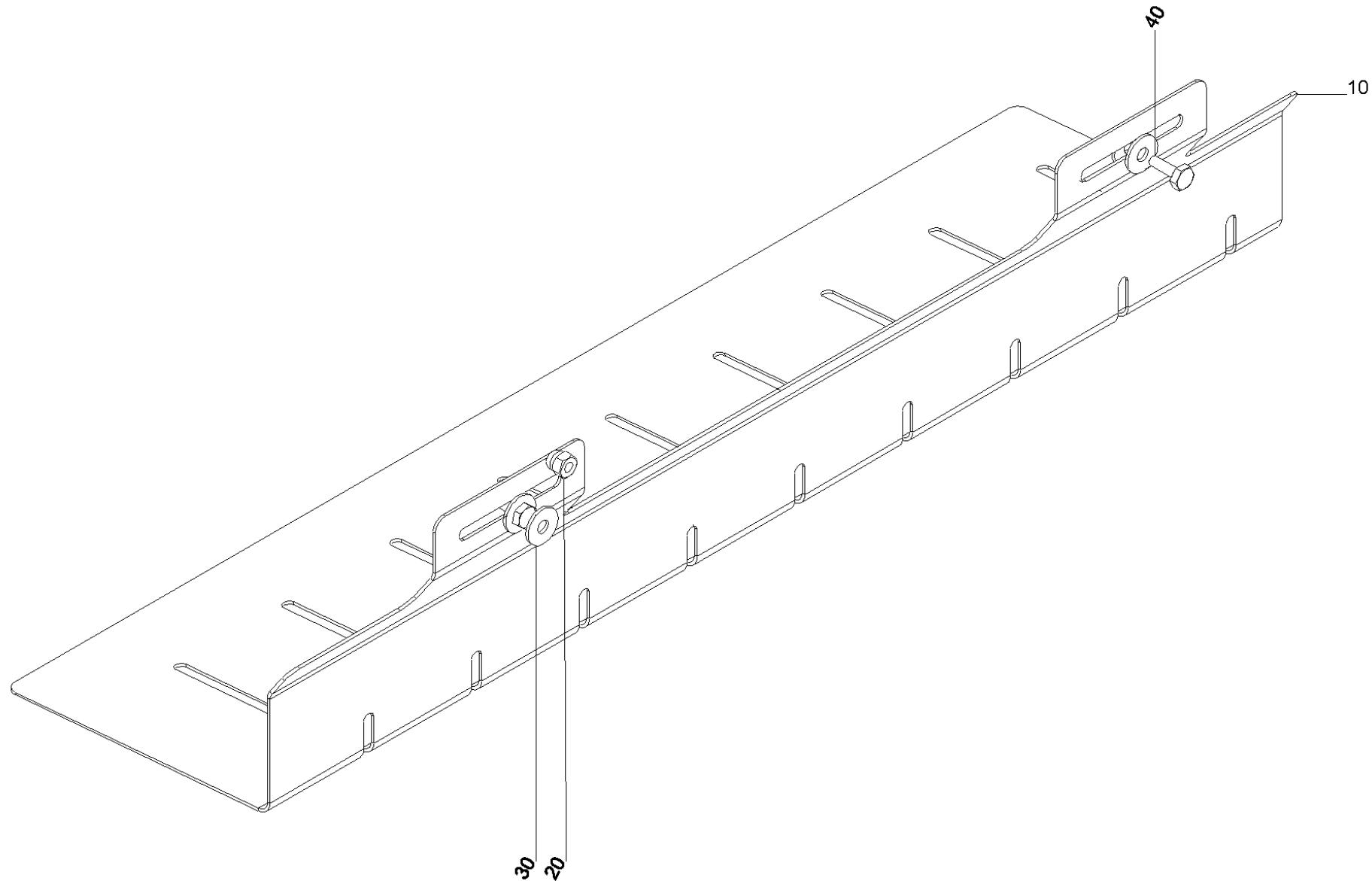
packaging machine (RM)\basic machine\length adjustment\gear unit



pos	material	document	version	description	quantity	quantity unit	SPC
10	102000262			cog-wheel	1,000	PC	5
20	102000142			cog-wheel	1,000	PC	5
30	105588531			shaft	1,000	PC	9
40	19587202200			timing pulley	1,000	PC	5
50	106097367			shaft	1,000	PC	9
60	106096784			female connector	1,000	PC	9
70	106096782			female connector	1,000	PC	9
80	106096809			female connector	2,000	PC	9
90	106096878			female connector	2,000	PC	9
100	106769086			adapter	1,000	PC	9
110	96627000010			hand crank	1,000	PC	9
120	75851110903			clamping lever	1,000	PC	9
130	78721014150			slide bearings	2,000	PC	5
140	75211030602			disk	5,000	PC	9
150	75001061116			hexagon-head bolt	1,000	PC	9
160	75053060602			grub screw	2,000	PC	9
170	75053050402			grub screw	1,000	PC	9
180	75301050900			straight pin	1,000	PC	9
190	75001081102			hexagon-head bolt	2,000	PC	9
200	75001061102			hexagon-head bolt	4,000	PC	9
210	107582968			sheet	2,000	PC	N
220	75001050402			hexagon-head bolt	2,000	PC	9
230	91147512030			adhesive	1,000	PC	C

guard plate  
107690871

packaging machine (RM)\basic machine\guard plate



guard plate

107690871

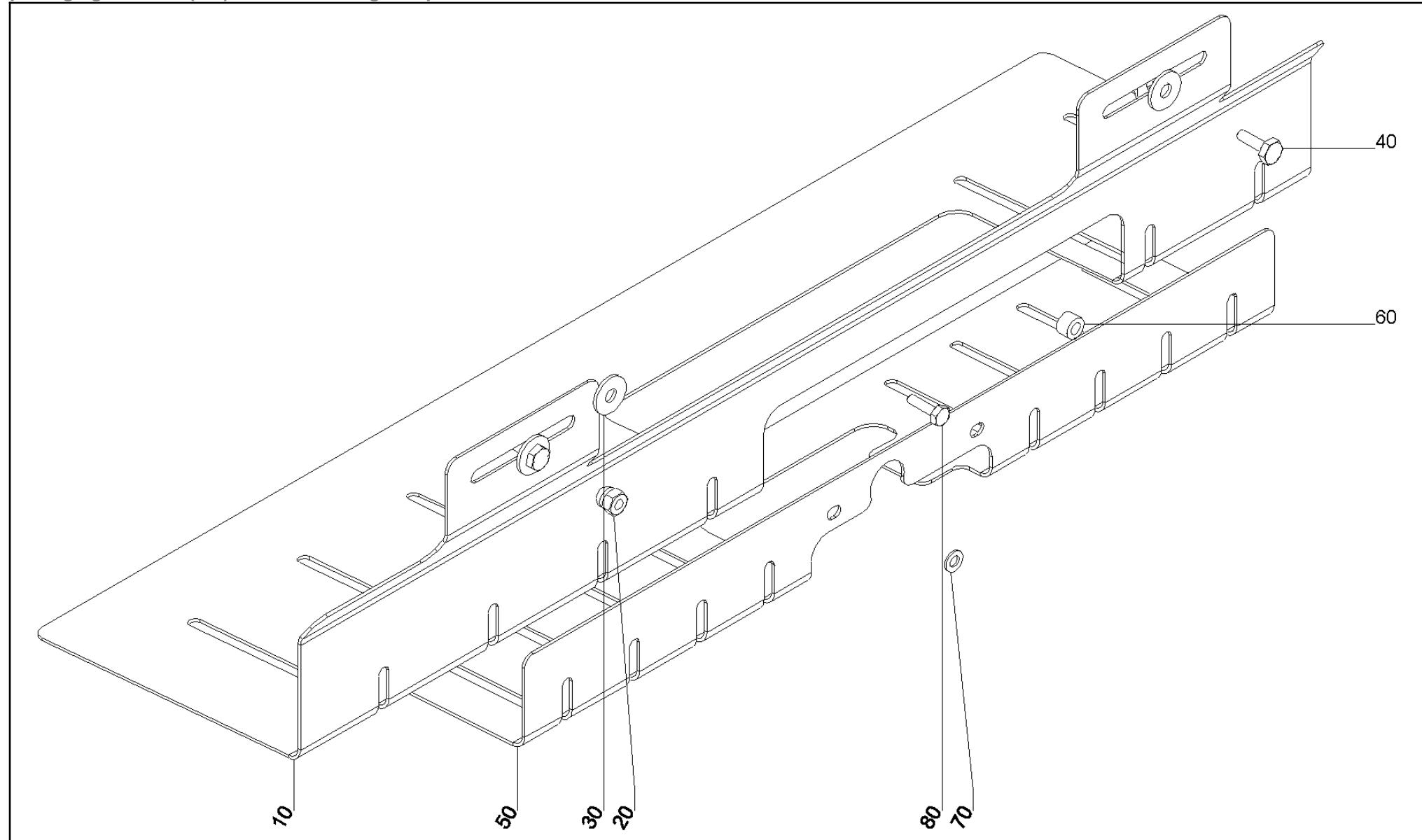
packaging machine (RM)\basic machine\guard plate



pos	material	document	version	description	quantity	quantity unit	SPC
10	107690881			safety guard	1,000	PC	N
20	75200300602			cap nut	2,000	PC	9
30	75211030602			disk	4,000	PC	9
40	75001061116			hexagon-head bolt	2,000	PC	9

guard plate  
107690965

packaging machine (RM)\basic machine\guard plate



guard plate

107690965

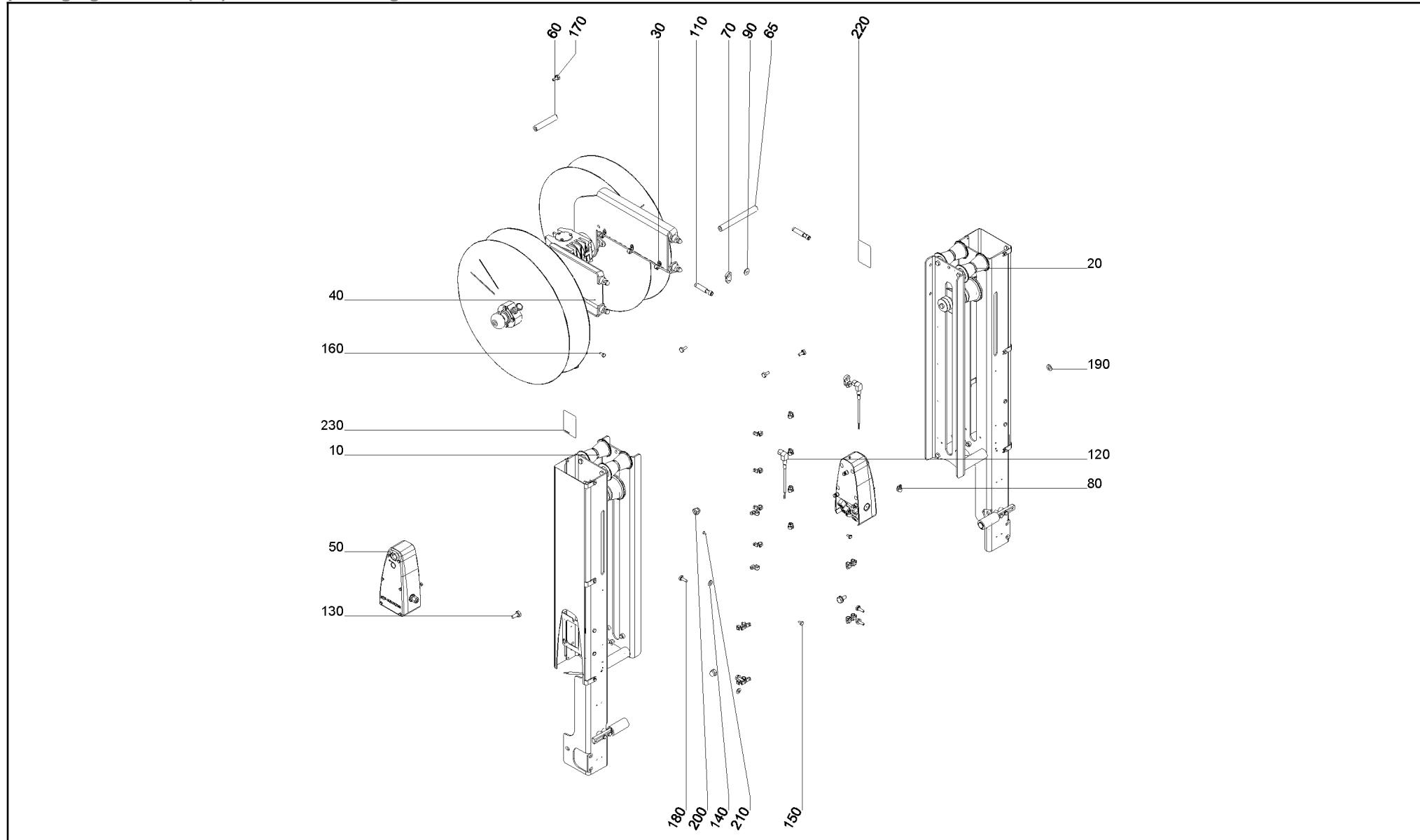
packaging machine (RM)\basic machine\guard plate



pos	material	document	version	description	quantity	quantity unit	SPC
10	107690957			safety guard	1,000	PC	N
20	75200300602			cap nut	2,000	PC	9
30	75211030602			disk	4,000	PC	9
40	75001061116			hexagon-head bolt	2,000	PC	9
50	107600159			guard plate	1,000	PC	9
60	105120304			distance bushing	2,000	PC	9
70	75211010502			disk	2,000	PC	9
80	75001051102			hexagon-head bolt	2,000	PC	9

edge trim winder  
107636742

packaging machine (RM)\basic machine\edge trim winder



## edge trim winder

107636742

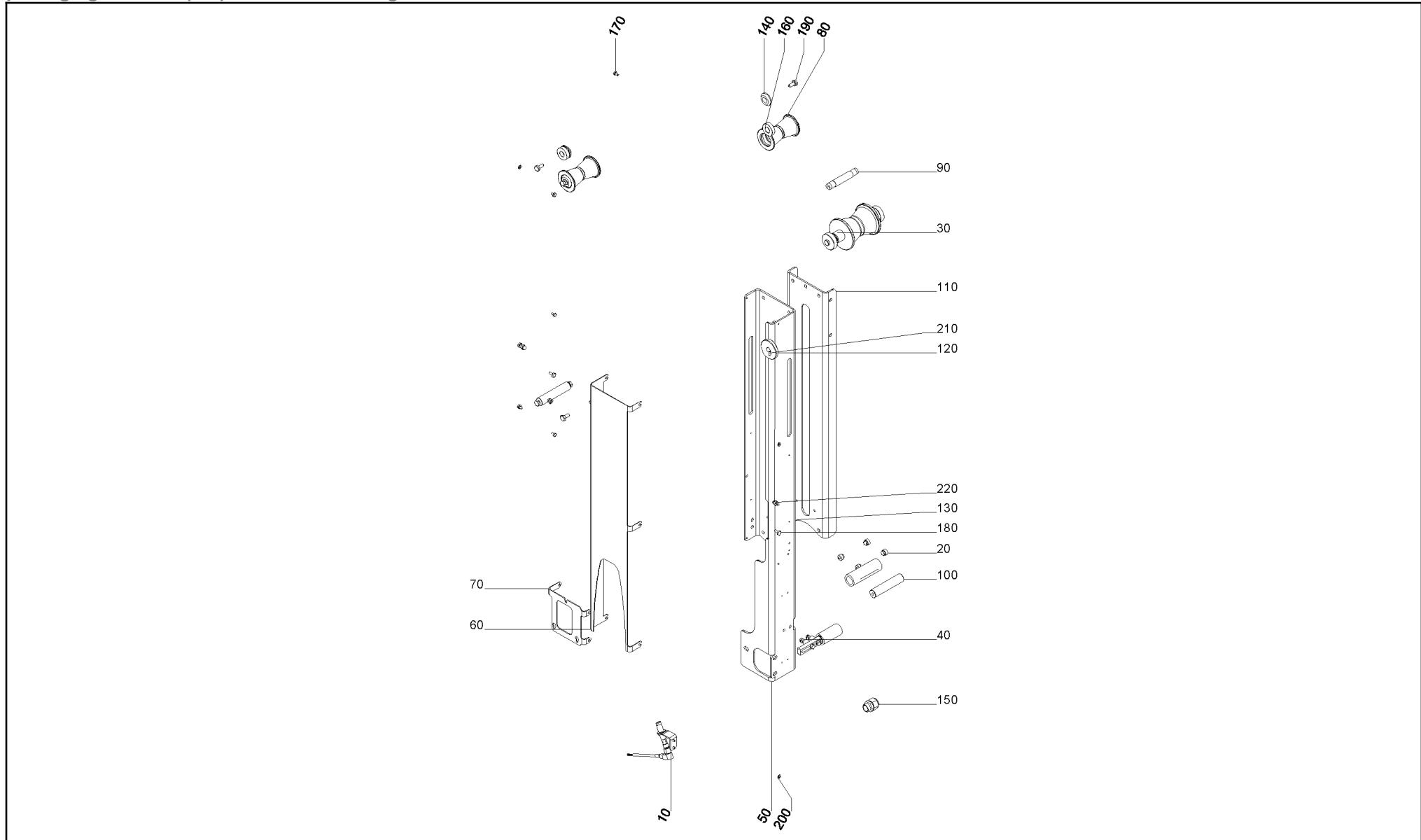
packaging machine (RM)\basic machine\edge trim winder



pos	material	document	version	description	quantity	quantity unit	SPC
10	107267565	16000407166	D	deflection	1,000	PC	9
20	107073650	16000407200	D	deflection	1,000	PC	9
30	107061028	16000406964	B	edge trim winder	1,000	PC	9
40	107072235	16000406962	B	edge trim winder	1,000	PC	N
50	105701972	16000072572	C	operating unit	2,000	PC	5
60	105709366			shaft	1,000	PC	9
65	19360161450			shaft	1,000	PC	9
70	105843558			plate	2,000	PC	N
80	107695116			cable holder	20,000	PC	3
90	105931901			collared socket	2,000	PC	9
110	85463102506			proximity switch	2,000	PC	3
120	107918460			connection cable	2,000	PC	5
130	75001101316			hexagon-head bolt	2,000	PC	9
140	75211010802			disk	4,000	PC	9
150	75001060816			hexagon-head bolt	2,000	PC	9
160	75001060916			hexagon-head bolt	2,000	PC	9
170	75001081116			hexagon-head bolt	4,000	PC	9
180	75001081316			hexagon-head bolt	4,000	PC	9
190	75211011002			disk	2,000	PC	9
200	105573178			cap nut	2,000	PC	9
210	75015040602			cylindrical screw	20,000	PC	9
220	105478450			feeding diagram	1,000	PC	9
230	105478447			feeding diagram	1,000	PC	9
240	105941094			electrical system	1,000	PC	9
250	91147512086			adhesive	0,010	PC	C

deflection  
107267565

packaging machine (RM)\basic machine\edge trim winder\deflection



deflection  
107267565



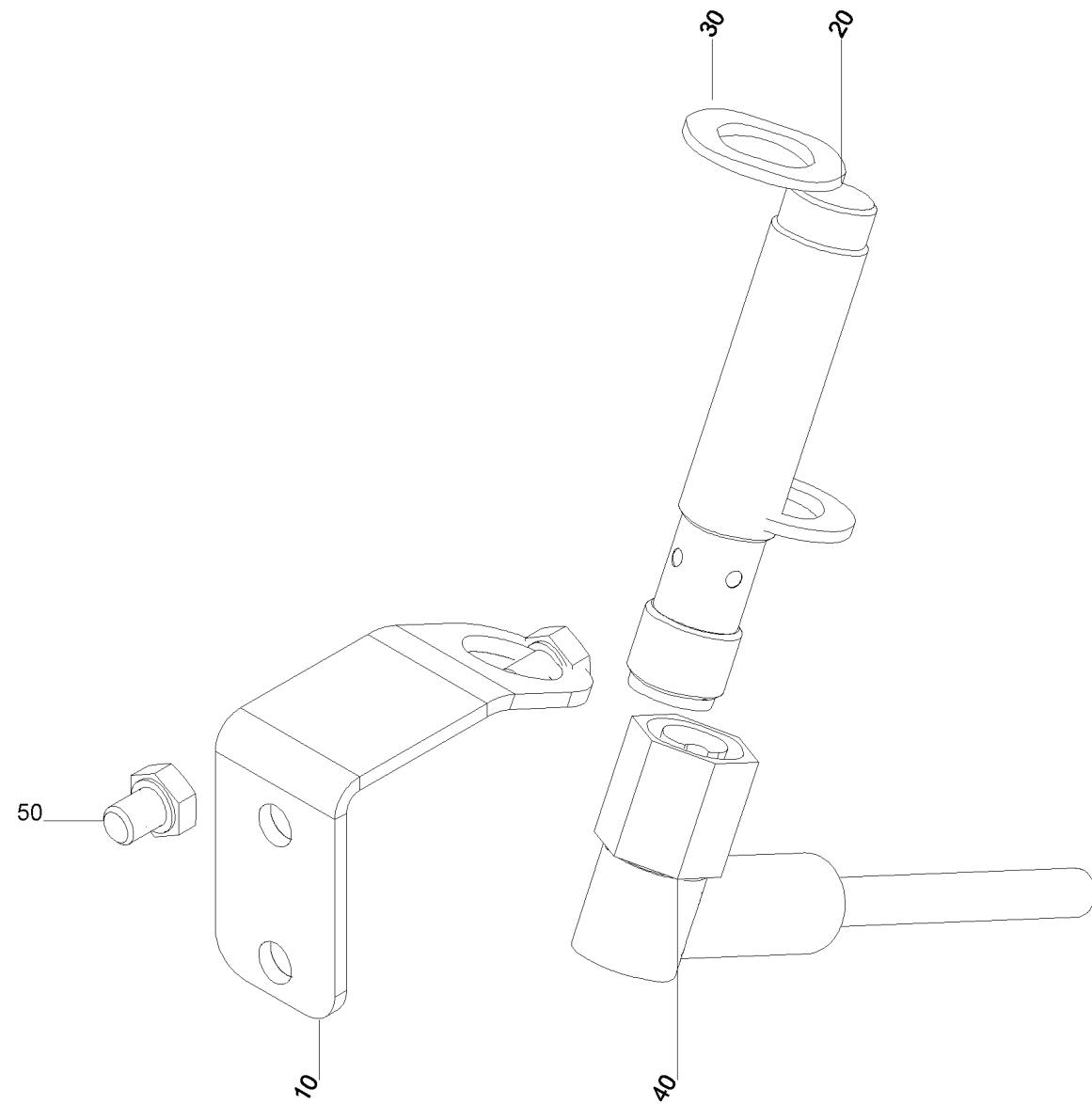
packaging machine (RM)\basic machine\edge trim winder\deflection

pos	material	document	version	description	quantity	quantity unit	SPC
10	106029148	16000125527	B	proximity switch	1,000	PC	9
20	107077051	16000407080	A	stop limit	1,000	PC	9
30	105750909			deflection roller	1,000	PC	9
40	107076547			deflection roller	1,000	PC	9
50	107267768			mount	1,000	PC	9
60	107267570			side plate	1,000	PC	9
70	107267691			sheet	1,000	PC	9
80	105810690			reel	2,000	PC	5
90	105810659			shaft	2,000	PC	9
100	105810658			shaft	2,000	PC	9
110	107276028			sheet	1,000	PC	9
120	105837421			set collar	1,000	PC	9
130	105937880			female connector	2,000	PC	9
140	101990411			disk	4,000	PC	9
150	85131114912			screwed cable gland	1,000	PC	9
160	78501030204			radial deep groove ball bearing	4,000	PC	3
170	75001050602			hexagon-head bolt	5,000	PC	9
180	75001060916			hexagon-head bolt	3,000	PC	9
190	75001081116			hexagon-head bolt	8,000	PC	9
200	75211010502			disk	5,000	PC	9
210	75055060802			grub screw	1,000	PC	9
220	75200300602			cap nut	3,000	PC	9
230	91147512086			adhesive	0,010	PC	C

proximity switch

106029148

packaging machine (RM)\basic machine\edge trim winder\deflection\proximity switch



**proximity switch**

106029148

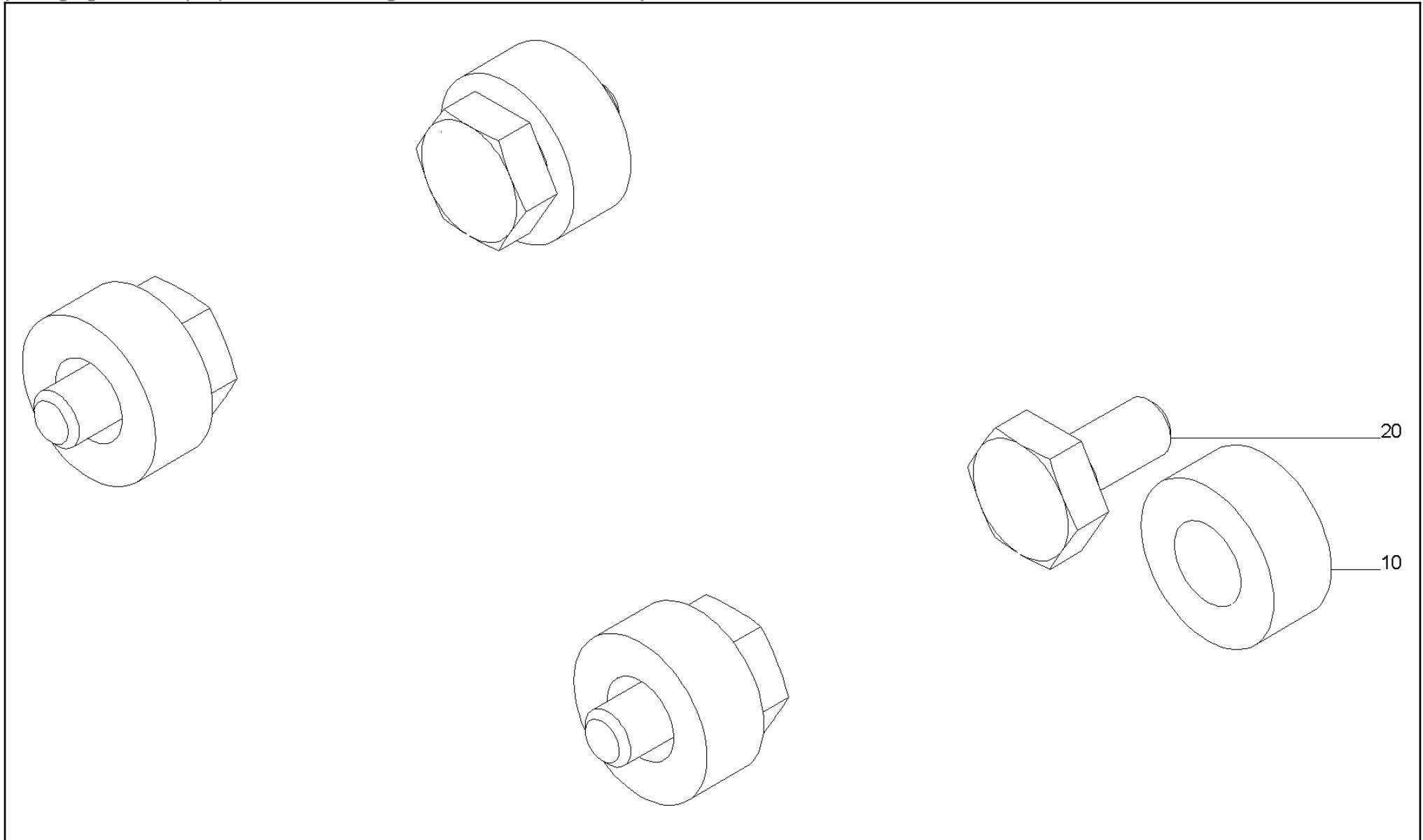
packaging machine (RM)\basic machine\edge trim winder\deflection\proximity switch



pos	material	document	version	description	quantity	quantity unit	SPC
10	106029749			bracket	1,000	PC	9
20	85463102506			proximity switch	1,000	PC	3
30	19717112020			disk	2,000	PC	9
40	107918460			connection cable	1,000	PC	5
50	75001050402			hexagon-head bolt	2,000	PC	9
60	91147512086			adhesive	0,100	PC	C

stop limit  
107077051

packaging machine (RM)\basic machine\edge trim winder\deflection\stop limit



**stop limit**  
**107077051**

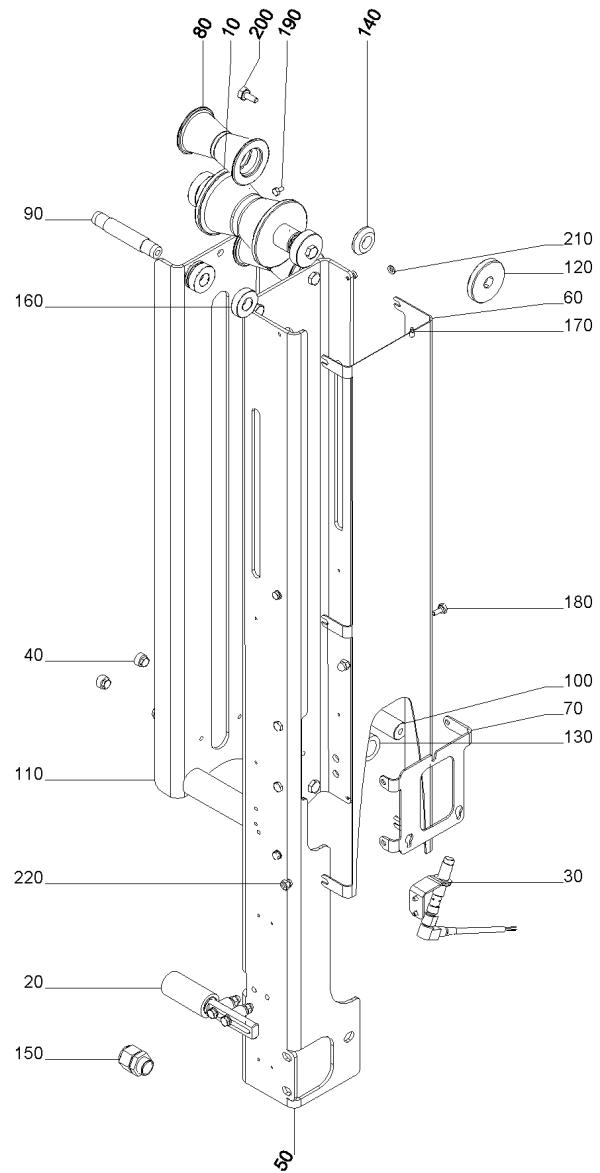
packaging machine (RM)\basic machine\edge trim winder\deflection\stop limit



pos	material	document	version	description	quantity	quantity unit	SPC
10	19389000600			distance bushing	4,000	PC	9
20	75001060816			hexagon-head bolt	4,000	PC	9

deflection  
107073650

packaging machine (RM)\basic machine\edge trim winder\deflection



deflection

107073650

packaging machine (RM)\basic machine\edge trim winder\deflection

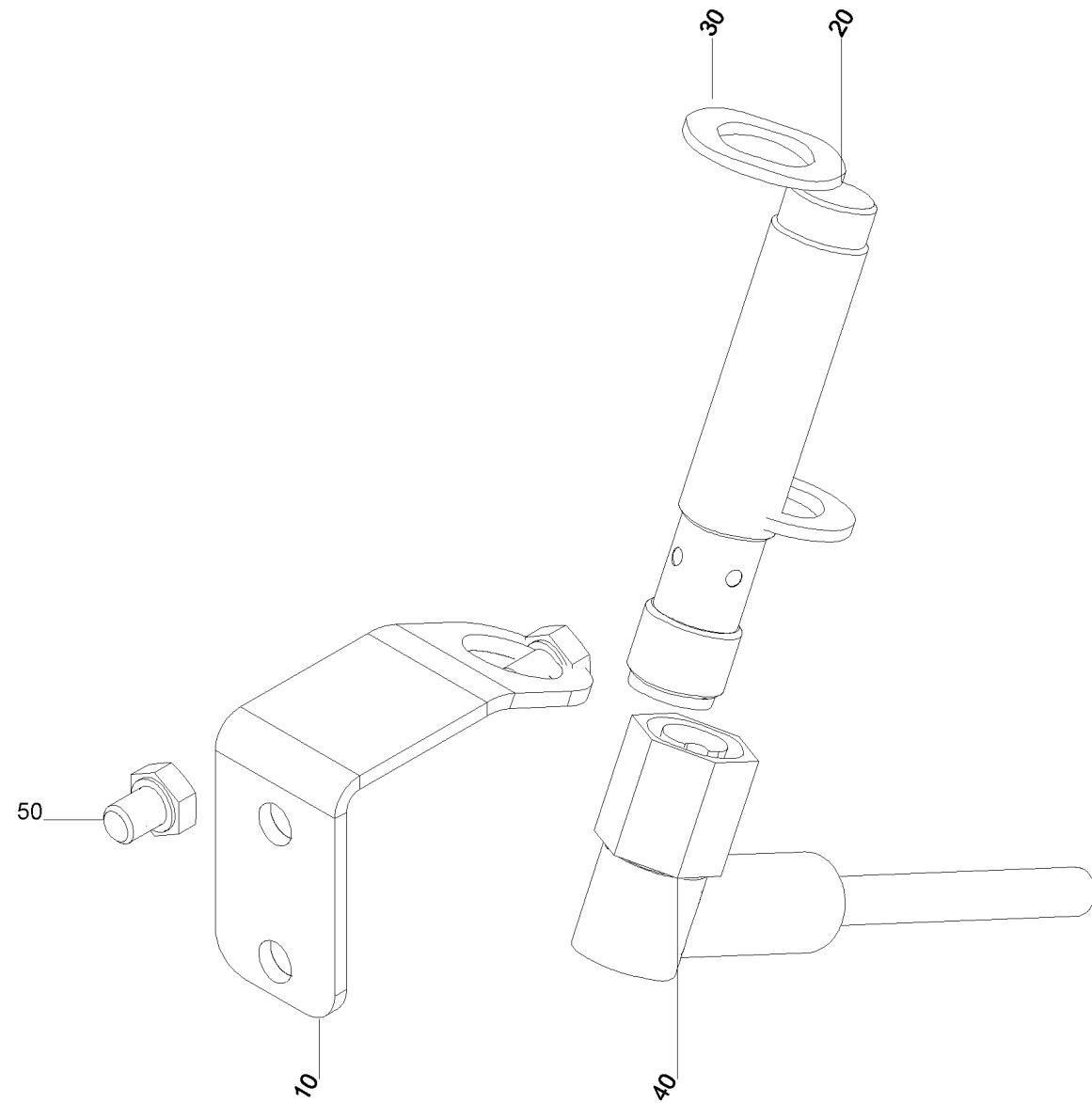


pos	material	document	version	description	quantity	quantity unit	SPC
10	105750909			deflection roller	1,000	PC	9
20	107076547			deflection roller	1,000	PC	9
30	106029148	16000125527	B	proximity switch	1,000	PC	9
40	107077051	16000407080	A	stop limit	1,000	PC	9
50	107076812			mount	1,000	PC	9
60	107076410			side plate	1,000	PC	9
70	107076588			sheet	1,000	PC	9
80	105810690			reel	2,000	PC	5
90	105810659			shaft	2,000	PC	9
100	105810658			shaft	2,000	PC	9
110	107276029			sheet	1,000	PC	9
120	105837421			set collar	1,000	PC	9
130	105937880			female connector	2,000	PC	9
140	101990411			disk	4,000	PC	9
150	85131114912			screwed cable gland	1,000	PC	9
160	78501030204			radial deep groove ball bearing	4,000	PC	3
170	75055060802			grub screw	1,000	PC	9
180	75001060916			hexagon-head bolt	3,000	PC	9
190	75001050602			hexagon-head bolt	5,000	PC	9
200	75001081116			hexagon-head bolt	8,000	PC	9
210	75211010502			disk	5,000	PC	9
220	75200300602			cap nut	3,000	PC	9
230	91147512086			adhesive	0,010	PC	C

proximity switch

106029148

packaging machine (RM)\basic machine\edge trim winder\deflection\proximity switch



**proximity switch**

106029148

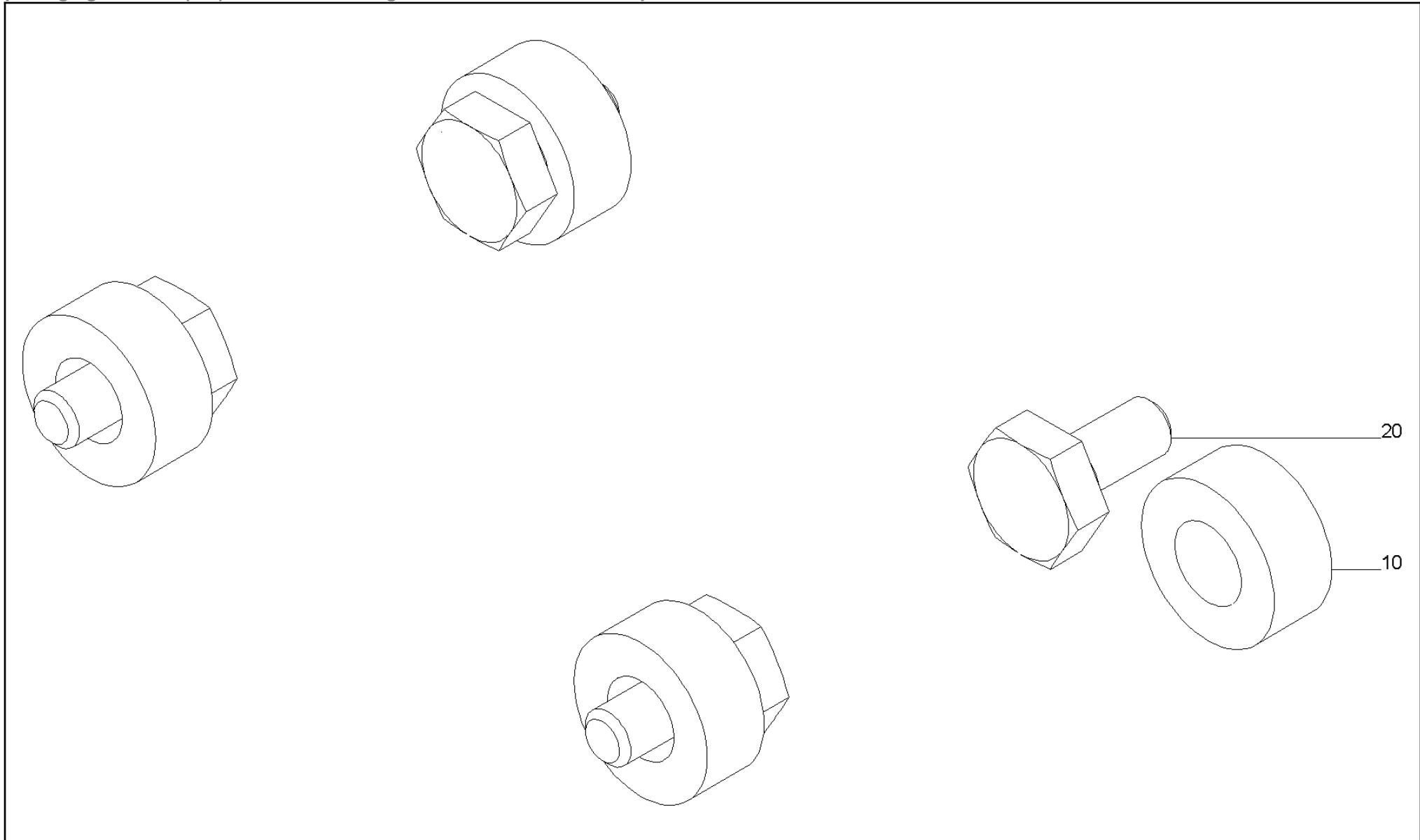
packaging machine (RM)\basic machine\edge trim winder\deflection\proximity switch



pos	material	document	version	description	quantity	quantity unit	SPC
10	106029749			bracket	1,000	PC	9
20	85463102506			proximity switch	1,000	PC	3
30	19717112020			disk	2,000	PC	9
40	107918460			connection cable	1,000	PC	5
50	75001050402			hexagon-head bolt	2,000	PC	9
60	91147512086			adhesive	0,100	PC	C

stop limit  
107077051

packaging machine (RM)\basic machine\edge trim winder\deflection\stop limit



**stop limit**

**107077051**

**packaging machine (RM)\basic machine\edge trim winder\deflection\stop limit**

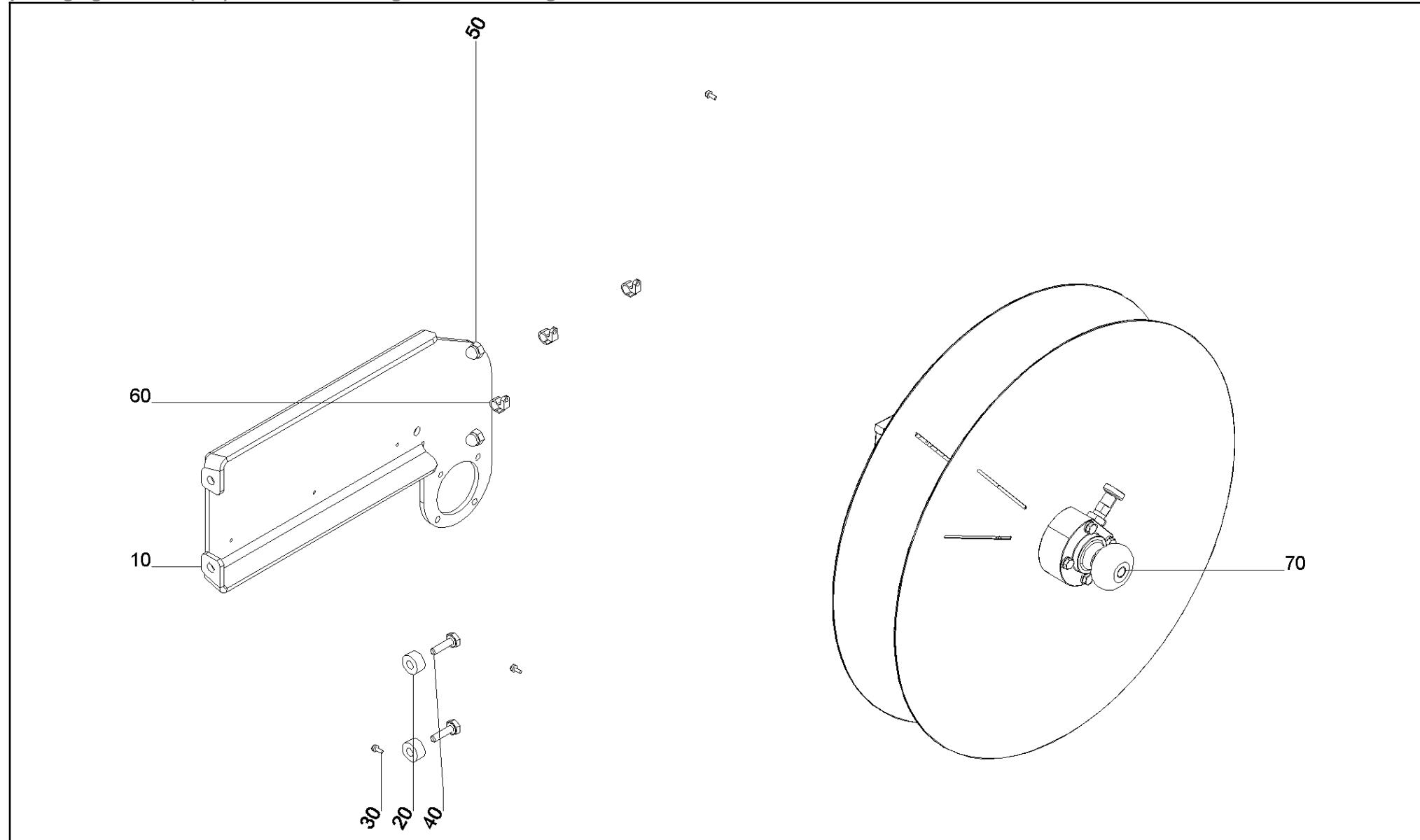


pos	material	document	version	description	quantity	quantity unit	SPC
10	19389000600			distance bushing	4,000	PC	9
20	75001060816			hexagon-head bolt	4,000	PC	9

edge trim winder  
107061028



packaging machine (RM)\basic machine\edge trim winder\edge trim winder



## edge trim winder

107061028

packaging machine (RM)\basic machine\edge trim winder\edge trim winder

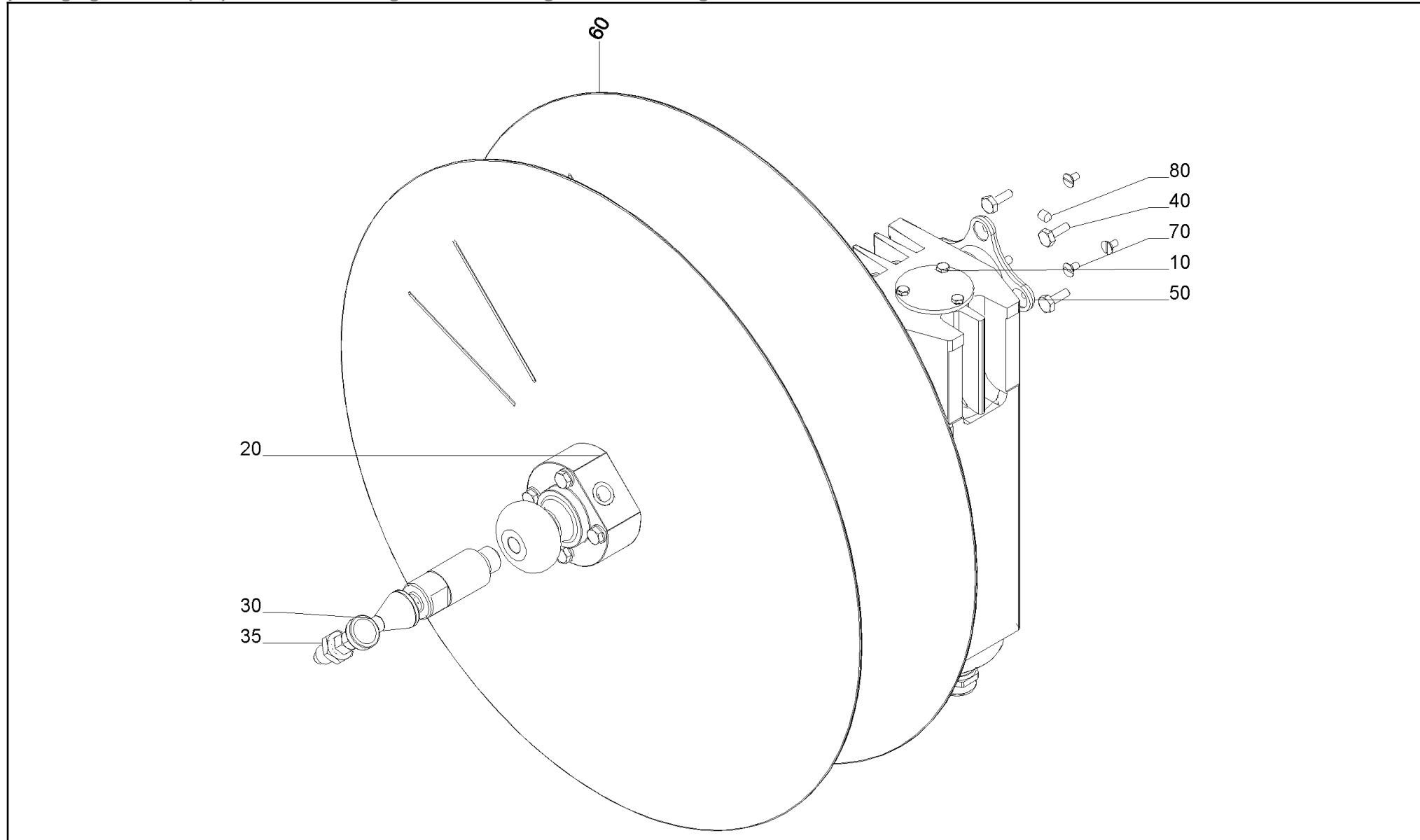


pos	material	document	version	description	quantity	quantity unit	SPC
10	107061054			conveyor plate	1,000	PC	9
20	19431109900			female connector	2,000	PC	9
30	75015040602			cylindrical screw	3,000	PC	9
40	75001081516			hexagon-head bolt	2,000	PC	9
50	75200300802			cap nut	2,000	PC	9
60	107695116			cable holder	3,000	PC	3
70	105815375	16000064460	E	edge trim winder	1,000	PC	9

edge trim winder  
105815375



packaging machine (RM)\basic machine\edge trim winder\edge trim winder\edge trim winder



## edge trim winder

105815375

packaging machine (RM)\basic machine\edge trim winder\edge trim winder\edge trim winder

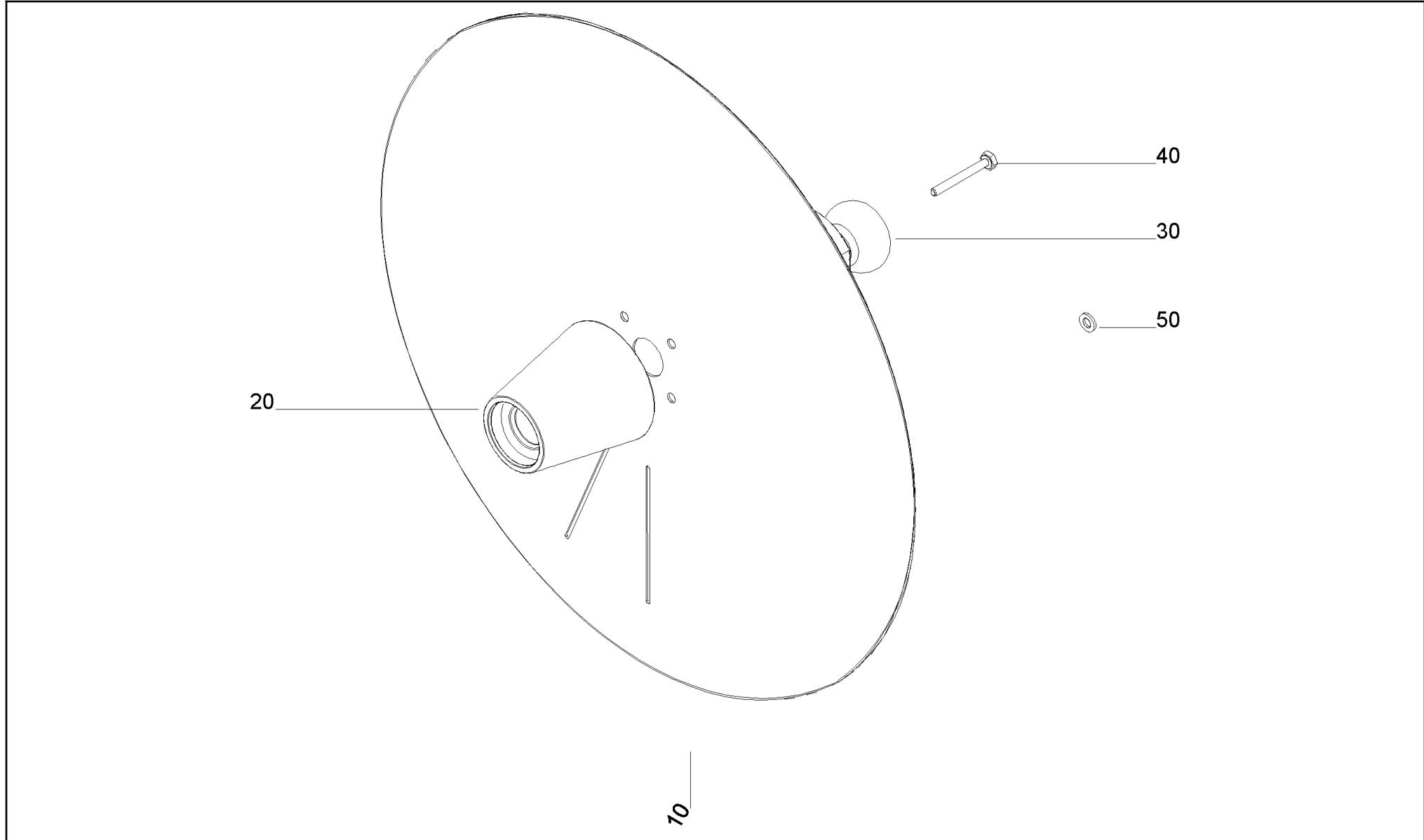


pos	material	document	version	description	quantity	quantity unit	SPC
10	85811151620			worm gear motor	1,000	PC	3
20	105815380	16000064459	C	coil body	1,000	PC	9
30	107676375			shaft	1,000	PC	9
35	105823388			latch bolt	1,000	PC	9
40	75001061102			hexagon-head bolt	4,000	PC	9
50	106652907			female connector	1,000	PC	9
60	11557984000			disk	1,000	PC	9
70	75021050602			countersunk flat head screw	4,000	PC	9
80	75053060602			grub screw	1,000	PC	9
110	91147512086			adhesive	1,000	PC	C

coil body  
105815380



packaging machine (RM)\basic machine\edge trim winder\edge trim winder\edge trim winder\coil body



**coil body**

**105815380**

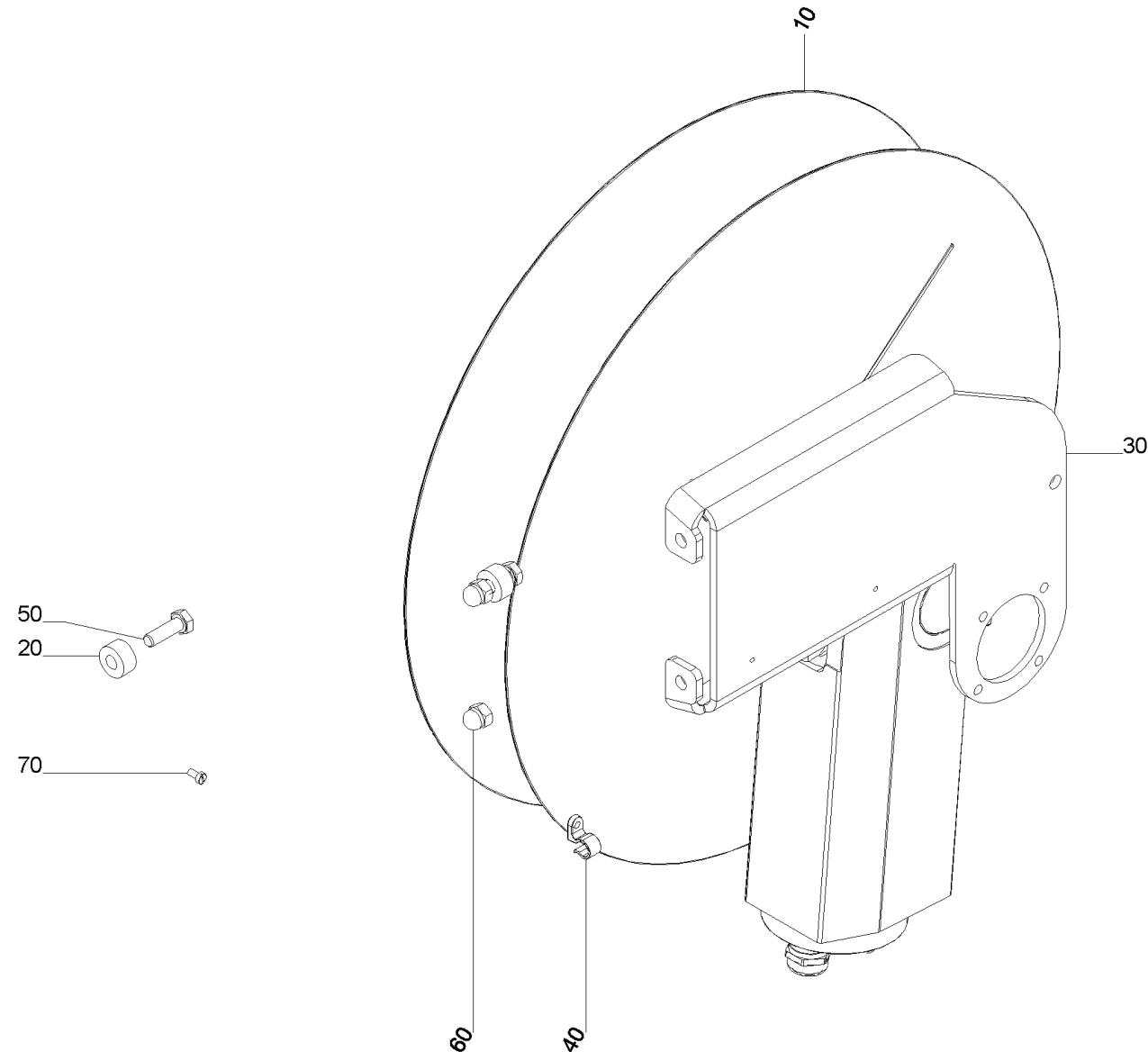
**packaging machine (RM)\basic machine\edge trim winder\edge trim winder\edge trim winder\coil body**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105815520			disk	1,000	PC	9
20	105815476			core	1,000	PC	9
30	105815545			handle	1,000	PC	9
40	105521977			hexagon-head bolt	4,000	PC	9
50	75211010602			disk	4,000	PC	9

edge trim winder  
107072235

packaging machine (RM)\basic machine\edge trim winder\edge trim winder



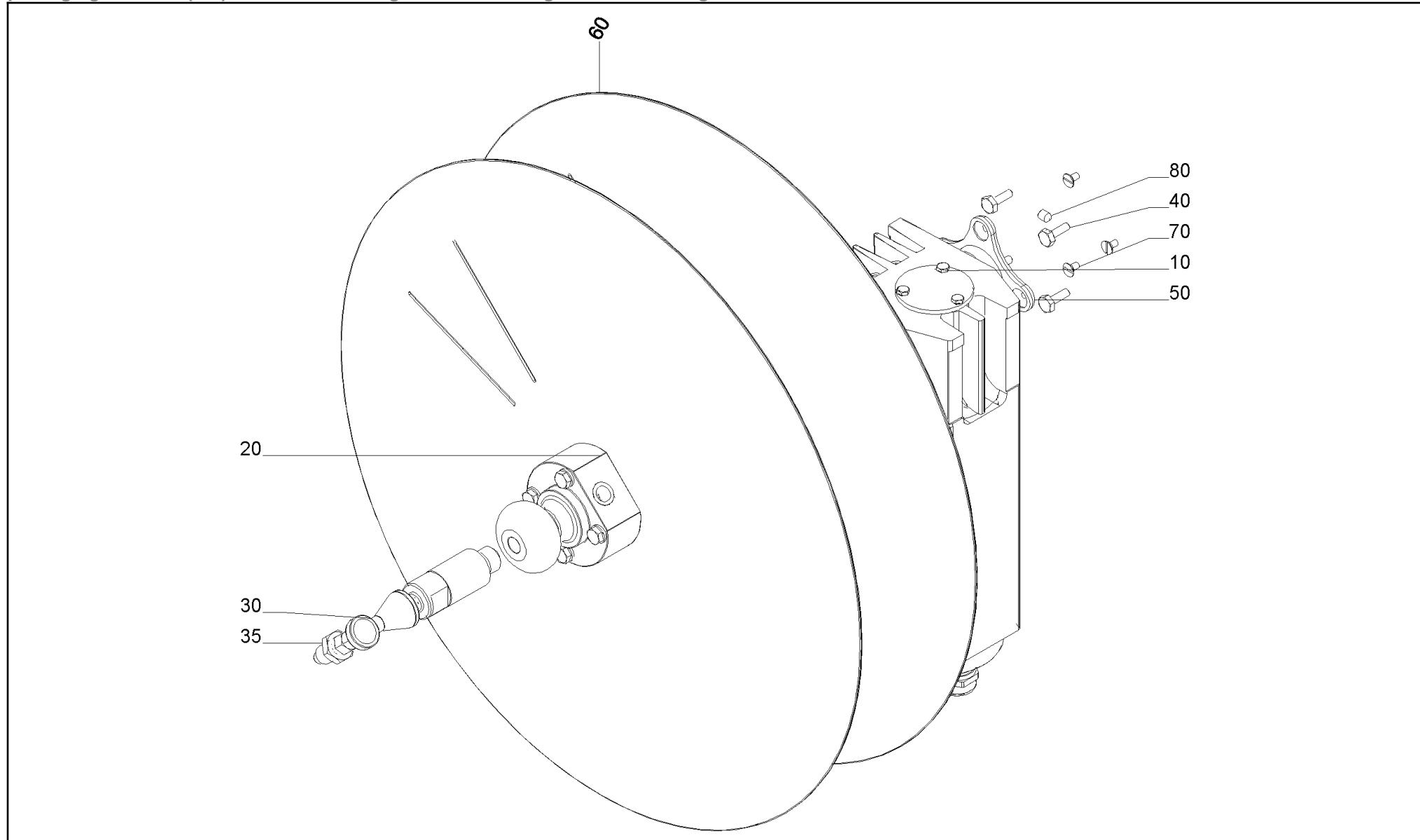
**edge trim winder****107072235****packaging machine (RM)\basic machine\edge trim winder\edge trim winder**

pos	material	document	version	description	quantity	quantity unit	SPC
10	105815375	16000064460	E	edge trim winder	1,000	PC	9
20	19431109900			female connector	2,000	PC	9
30	107072290			carrier	1,000	PC	N
40	107695116			cable holder	2,000	PC	3
50	75001081516			hexagon-head bolt	2,000	PC	9
60	75200300802			cap nut	2,000	PC	9
70	75015040602			cylindrical screw	2,000	PC	9

edge trim winder  
105815375



packaging machine (RM)\basic machine\edge trim winder\edge trim winder\edge trim winder



## edge trim winder

105815375

packaging machine (RM)\basic machine\edge trim winder\edge trim winder\edge trim winder

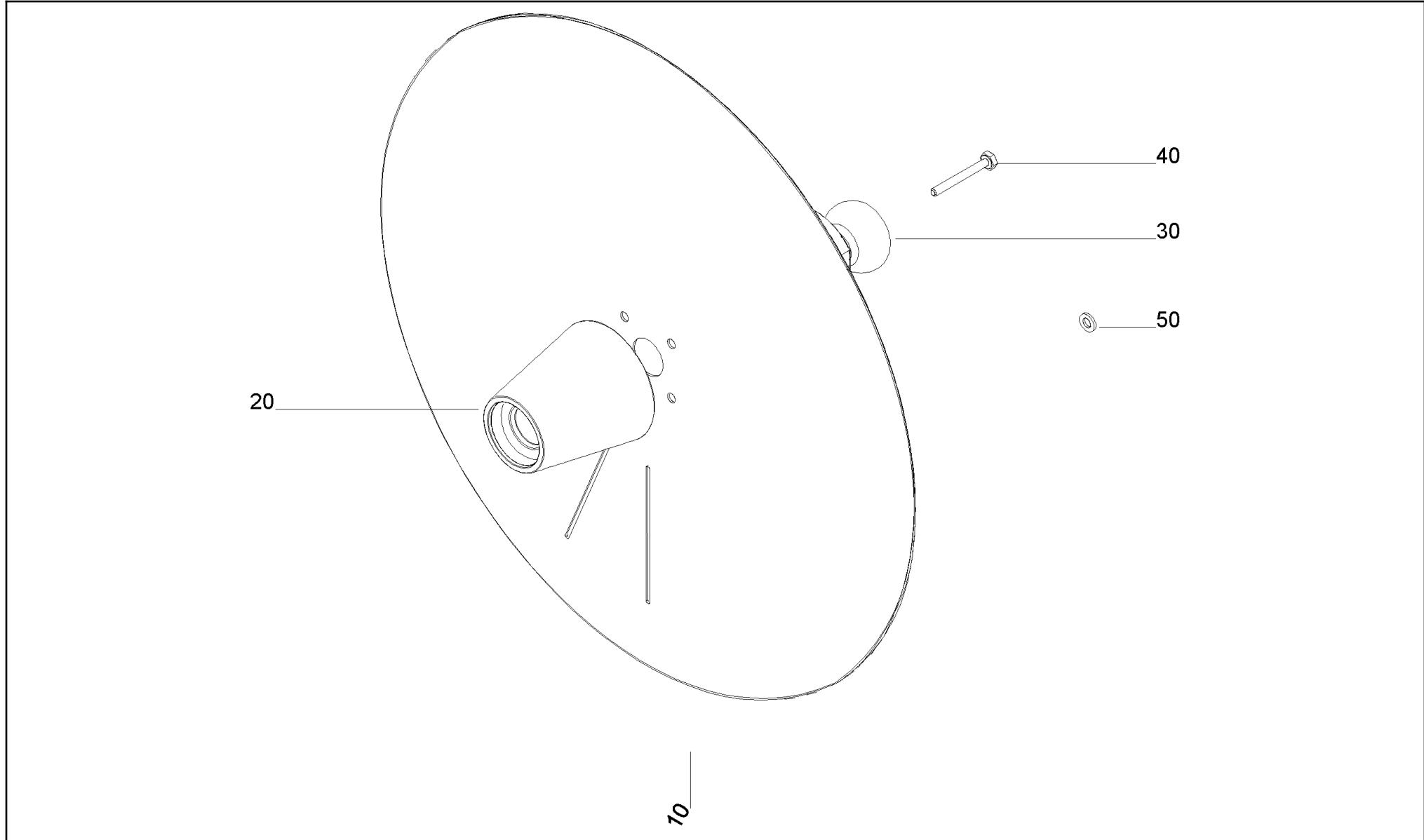


pos	material	document	version	description	quantity	quantity unit	SPC
10	85811151620			worm gear motor	1,000	PC	3
20	105815380	16000064459	C	coil body	1,000	PC	9
30	107676375			shaft	1,000	PC	9
35	105823388			latch bolt	1,000	PC	9
40	75001061102			hexagon-head bolt	4,000	PC	9
50	106652907			female connector	1,000	PC	9
60	11557984000			disk	1,000	PC	9
70	75021050602			countersunk flat head screw	4,000	PC	9
80	75053060602			grub screw	1,000	PC	9
110	91147512086			adhesive	1,000	PC	C

coil body  
105815380



packaging machine (RM)\basic machine\edge trim winder\edge trim winder\edge trim winder\coil body



**coil body**

**105815380**

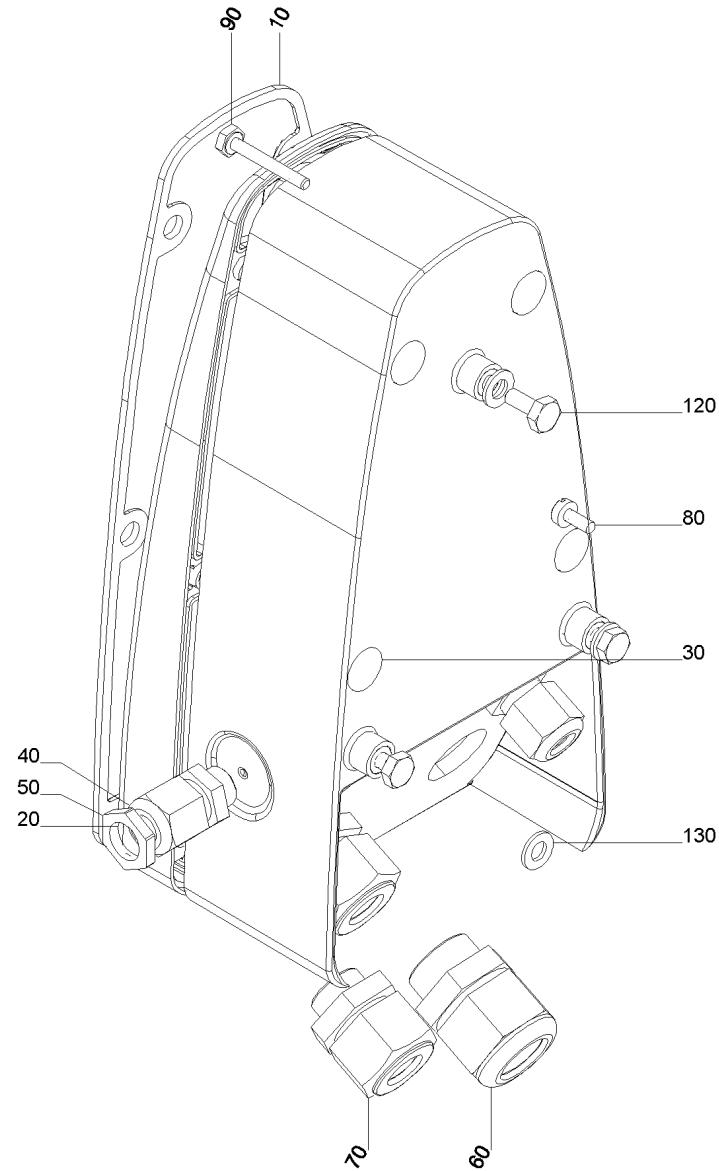
**packaging machine (RM)\basic machine\edge trim winder\edge trim winder\edge trim winder\coil body**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105815520			disk	1,000	PC	9
20	105815476			core	1,000	PC	9
30	105815545			handle	1,000	PC	9
40	105521977			hexagon-head bolt	4,000	PC	9
50	75211010602			disk	4,000	PC	9

operating unit  
105701972

packaging machine (RM)\basic machine\edge trim winder\operating unit



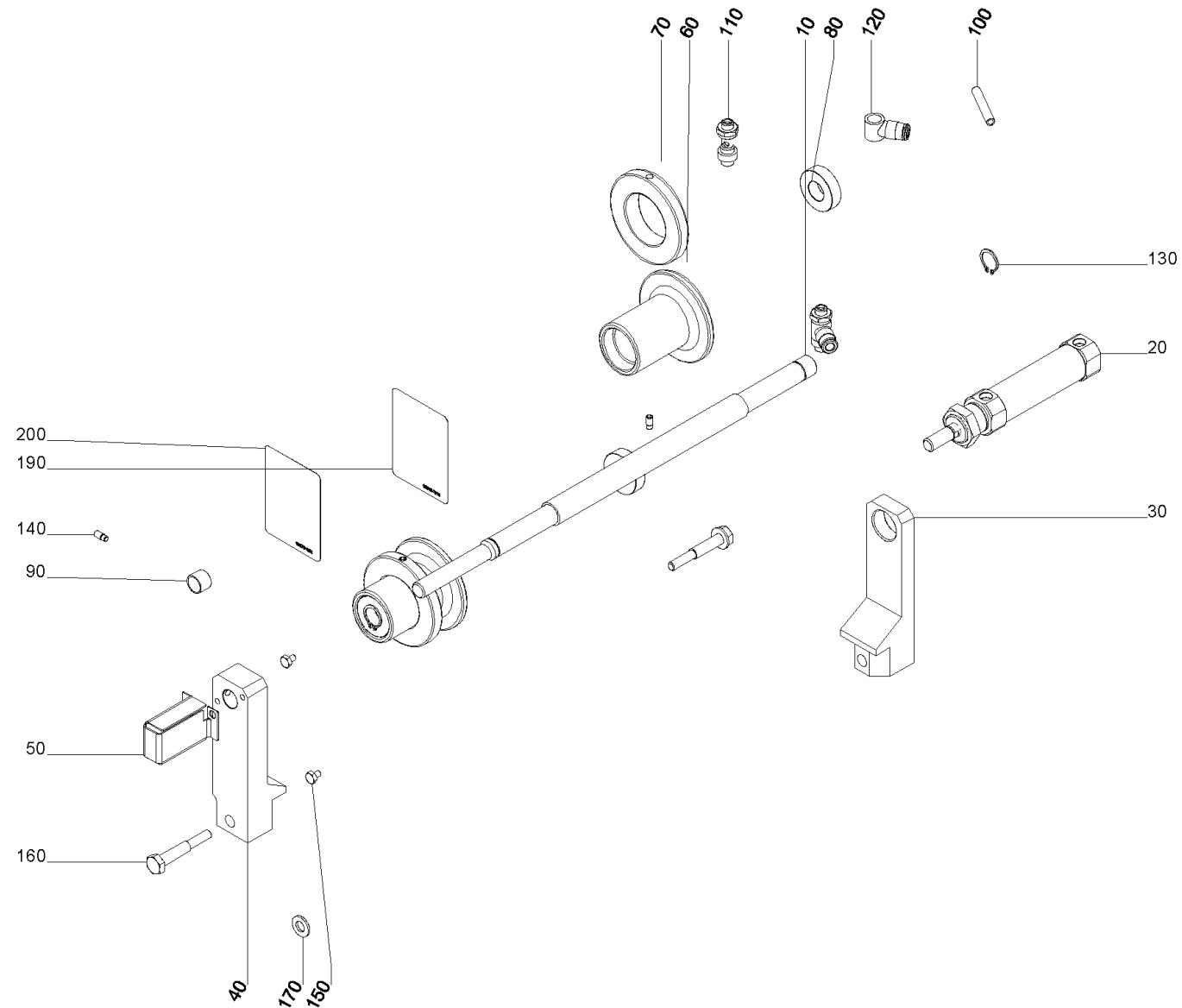
**operating unit**

**105701972**

**packaging machine (RM)\basic machine\edge trim winder\operating unit**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105743763			seal	1,000	PC	5
20	105739096			housing cover	1,000	PC	3
30	105739079			housing	1,000	PC	3
40	85131114910			screwed cable gland	2,000	PC	9
50	85131102002			screw nut	1,000	PC	9
60	85131114912			screwed cable gland	1,000	PC	9
70	85131114911			screwed cable gland	2,000	PC	9
80	75015040602			cylindrical screw	2,000	PC	9
90	105481830			hexagon-head bolt	6,000	PC	9
120	75001050802			hexagon-head bolt	3,000	PC	9
130	75211010502			disk	3,000	PC	9
140	105815988			edge trim rewinder	1,000	PC	9



## Film trim distributor

106251476

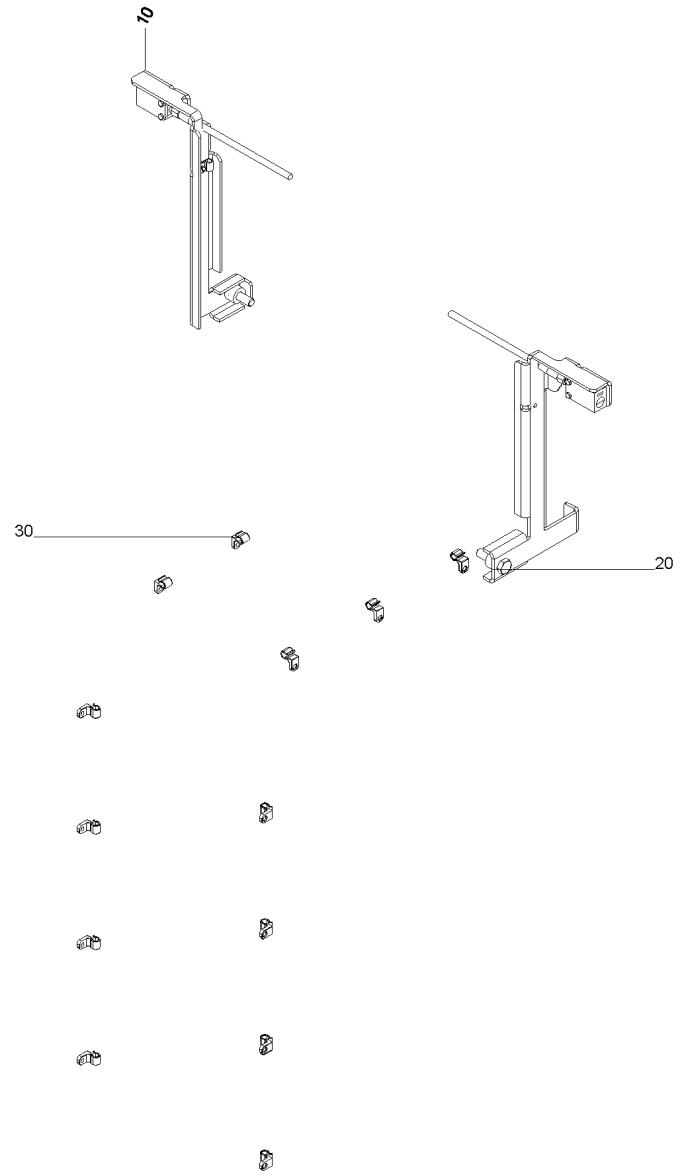
packaging machine (RM)\basic machine\Film trim distributor



pos	material	document	version	description	quantity	quantity unit	SPC
10	106251474			shaft	1,000	PC	9
20	105919913			pneumatic cylinder	1,000	PC	5
30	106207591			mount	1,000	PC	9
40	106207593			mount	1,000	PC	9
50	105920324			guard plate	1,000	PC	9
60	105992141			reel	2,000	PC	5
70	105902058			ring	2,000	PC	9
80	78501030204			radial deep groove ball bearing	4,000	PC	3
90	78722012100			slide bearings	1,000	PC	5
100	81811251303			pa tube	10,000	M	9
110	80272210711			throttle/check valve	2,000	PC	3
120	105058406			swivel ring	2,000	PC	9
130	78100001502			retaining ring	2,000	PC	9
140	75055060802			grub screw	3,000	PC	9
150	75001050402			hexagon-head bolt	2,000	PC	9
160	75000082102			hexagon-head bolt	2,000	PC	9
170	75211010802			disk	2,000	PC	9
180	91147512070			adhesive	0,010	PC	5
190	106464315			feeding diagram	1,000	PC	9
200	106734551			feeding diagram	1,000	PC	9

monitoring  
107621085

packaging machine (RM)\basic machine\monitoring



**monitoring**

**107621085**

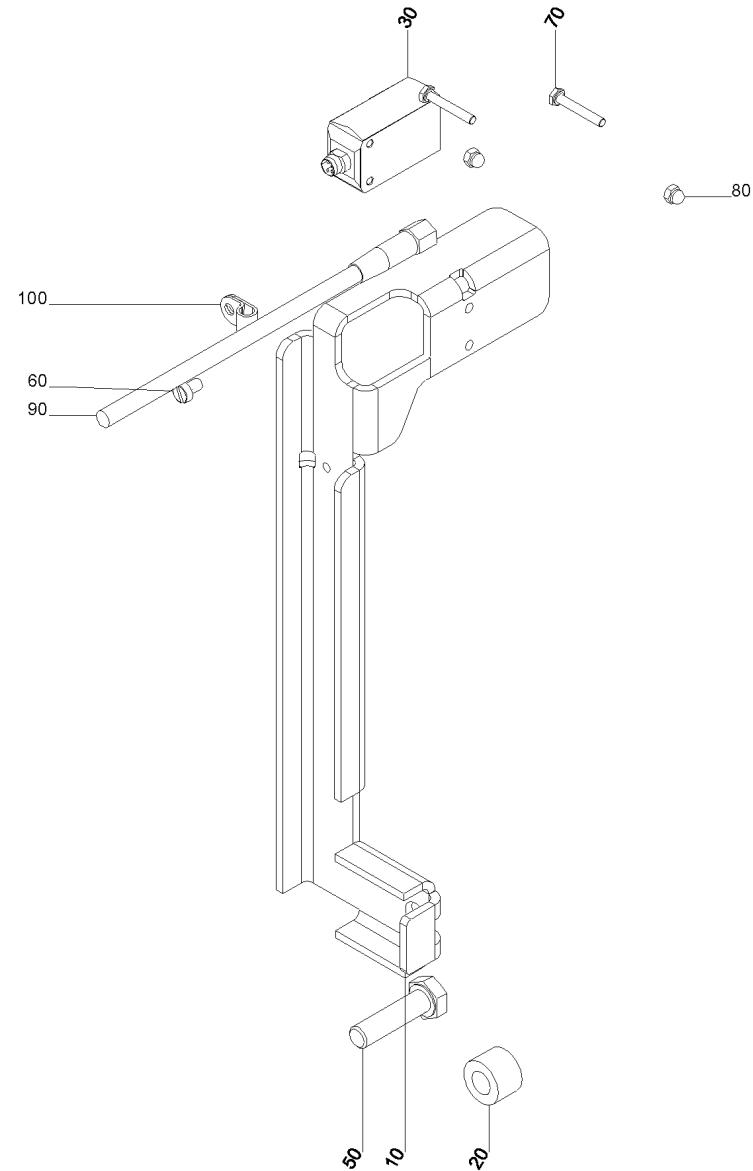
**packaging machine (RM)\basic machine\monitoring**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107611153	16000487273	A	monitoring	1,000	PC	9
20	107620567	16000487274	A	monitoring	1,000	PC	9
30	107695115			cable holder	13,000	PC	9

monitoring  
10761153

packaging machine (RM)\basic machine\monitoring\monitoring



monitoring

107611153

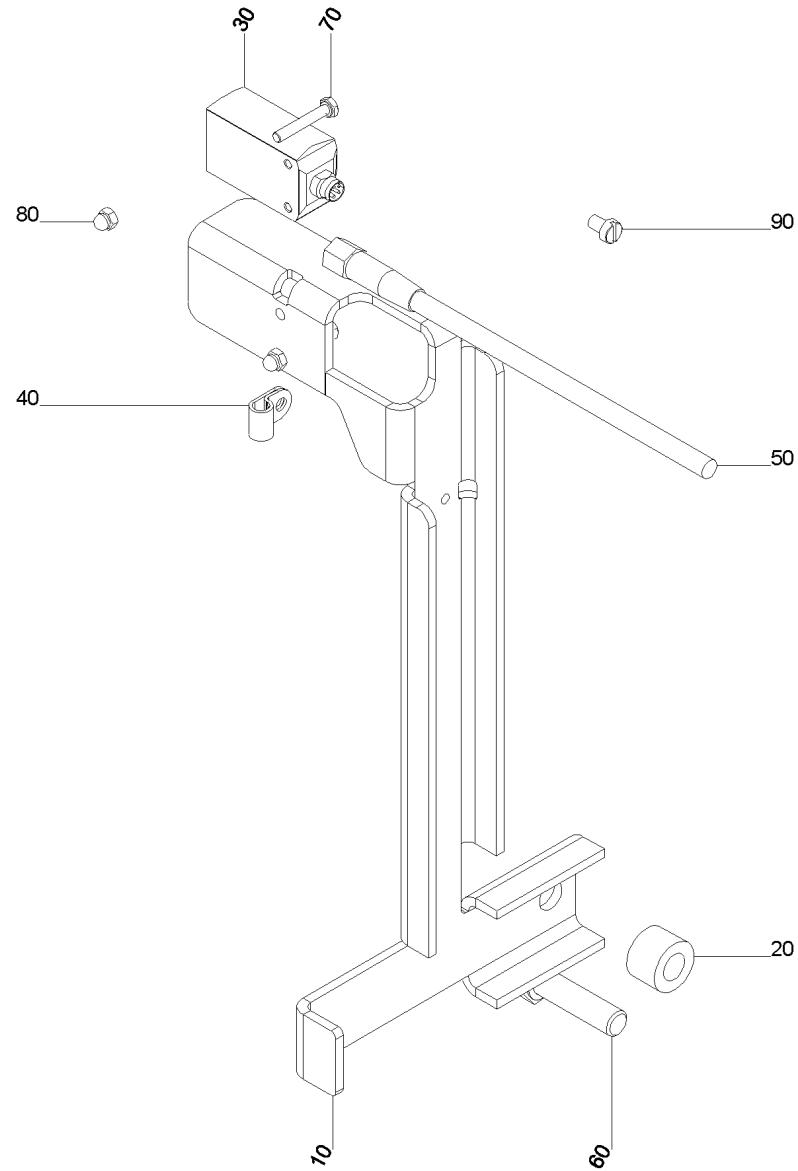
packaging machine (RM)\basic machine\monitoring\monitoring



pos	material	document	version	description	quantity	quantity unit	SPC
10	107611082			mount	1,000	PC	9
20	105458908			distance bushing	1,000	PC	9
30	107564382			reflecting light button	1,000	PC	5
50	75001081716			hexagon-head bolt	1,000	PC	9
60	75015040402			cylindrical screw	1,000	PC	9
70	106527257			hexagon-head bolt	2,000	PC	9
80	106226578			cap nut	2,000	PC	9
90	107918453			connection cable	1,000	PC	5
100	81190570010			fixing clip	1,000	PC	9

monitoring  
107620567

packaging machine (RM)\basic machine\monitoring\monitoring



monitoring

107620567

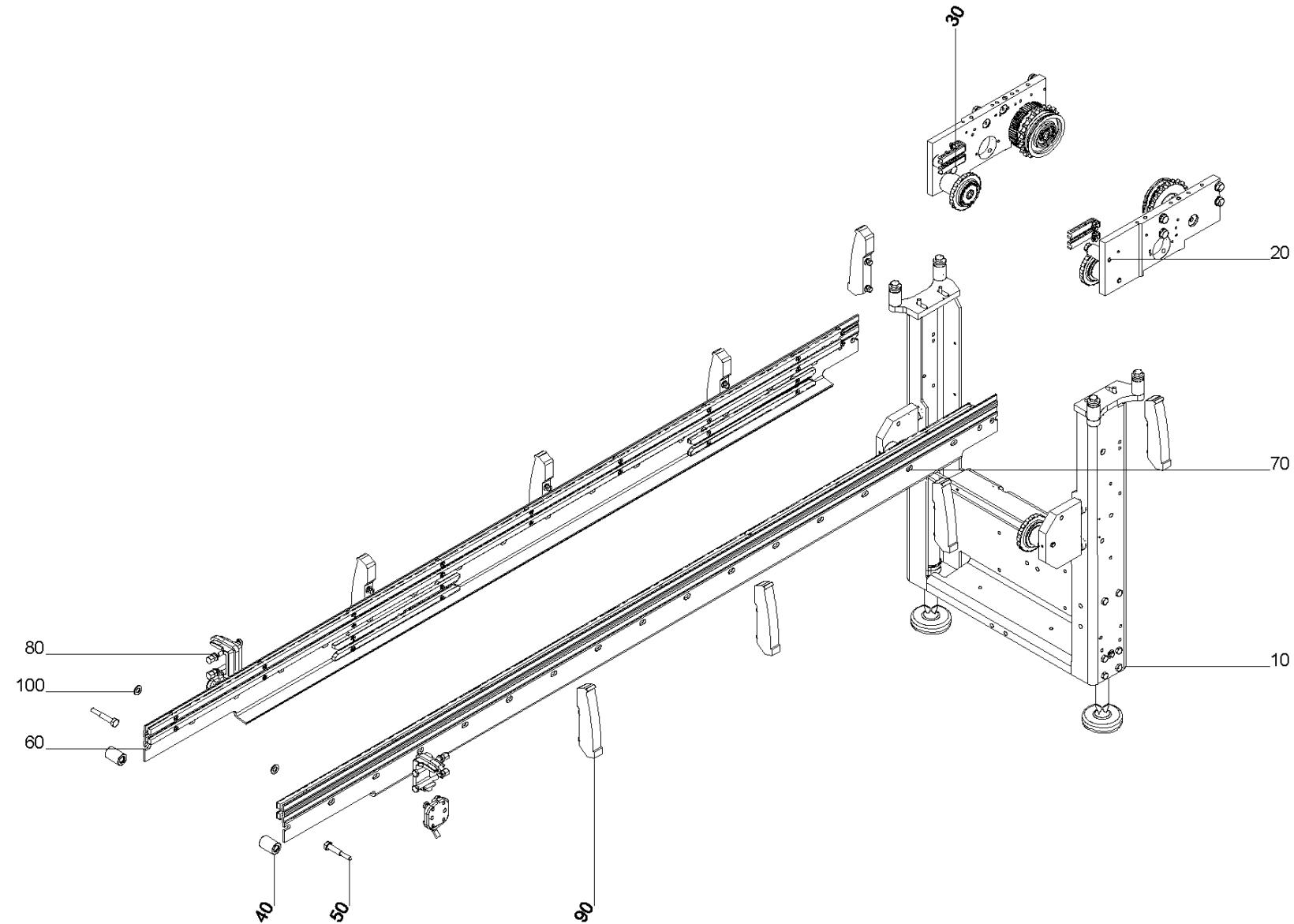
packaging machine (RM)\basic machine\monitoring\monitoring



pos	material	document	version	description	quantity	quantity unit	SPC
10	107620370			mount	1,000	PC	9
20	105458908			distance bushing	1,000	PC	9
30	107564382			reflecting light button	1,000	PC	5
40	81190570010			fixing clip	1,000	PC	9
50	106806570			connection cable	1,000	PC	5
60	75001081716			hexagon-head bolt	1,000	PC	9
70	106527257			hexagon-head bolt	2,000	PC	9
80	106226578			cap nut	2,000	PC	9
90	75015040402			cylindrical screw	1,000	PC	9

module  
106757787

packaging machine (RM)\basic machine\module



module

106757787

packaging machine (RM)\basic machine\module

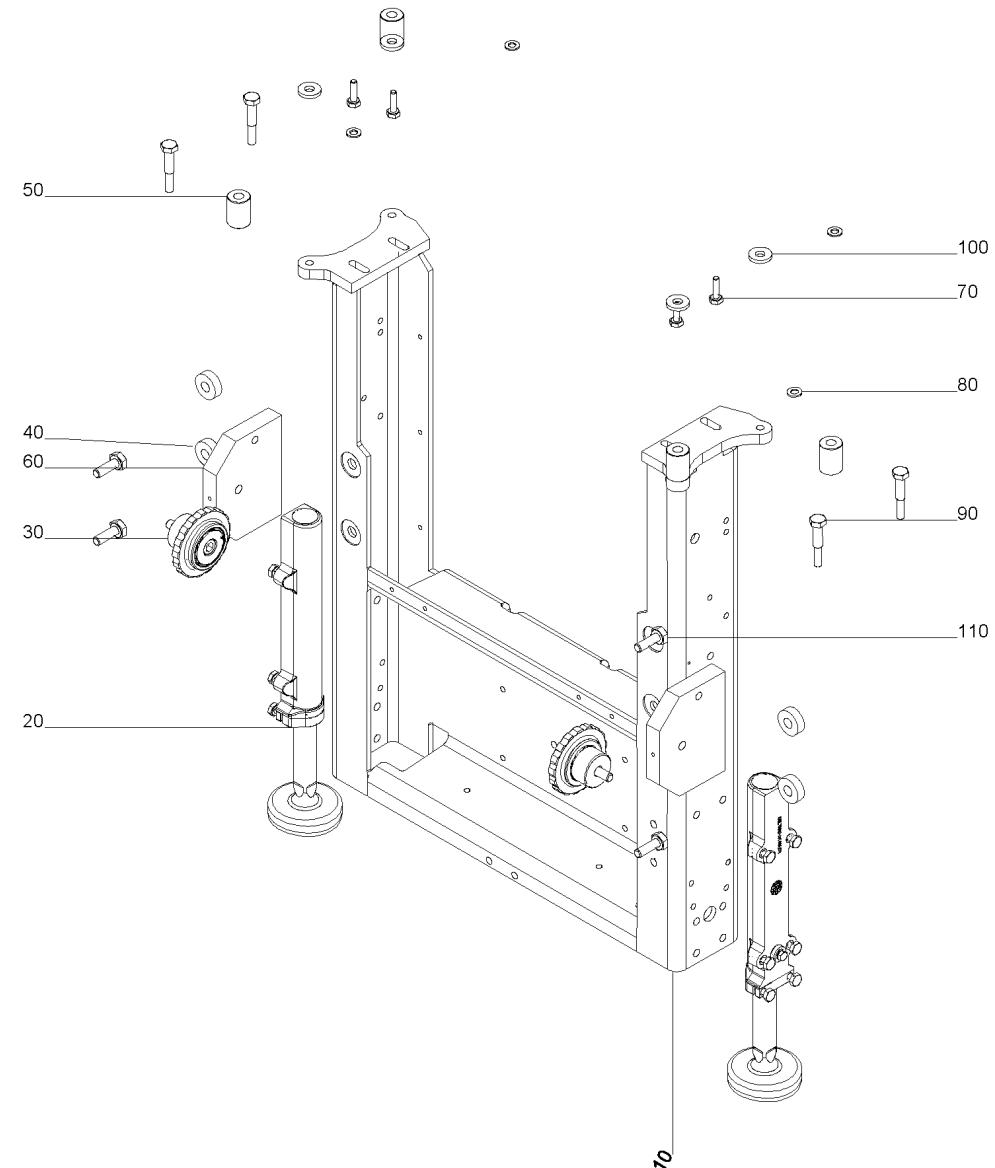


pos	material	document	version	description	quantity	quantity unit	SPC
10	106739434	16000266074	A	foot	1,000	PC	9
20	105814568	16000156847	C	return chain sprocket	1,000	PC	9
30	105814511	16000156848	D	return chain sprocket	1,000	PC	9
40	105710470			distance bushing	2,000	PC	9
50	75000102402			hexagon-head bolt	2,000	PC	9
60	106734841			chain guide	1,000	PC	9
70	106734836			chain guide	1,000	PC	9
80	105328500	16000031382	C	fastening	2,000	PC	N
90	105485782			cable holder	8,000	PC	N
100	75211011002			disk	2,000	PC	9

foot

106739434

packaging machine (RM)\basic machine\module\foot



foot

106739434

packaging machine (RM)\basic machine\module\foot

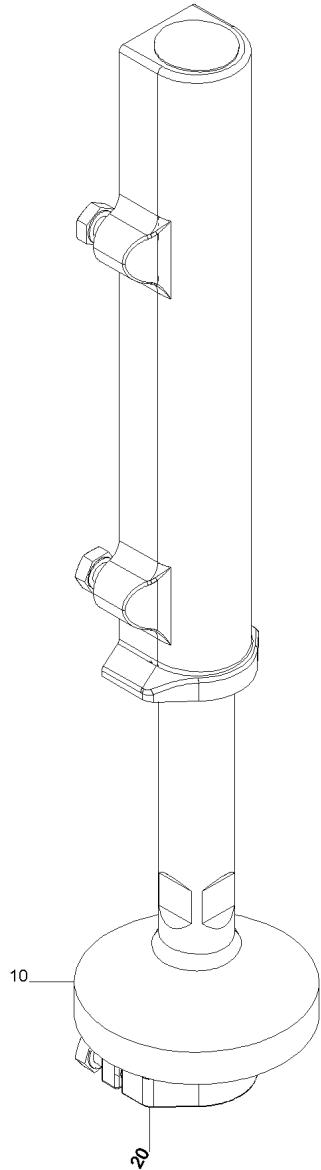


pos	material	document	version	description	quantity	quantity unit	SPC
10	105524060			foot	1,000	PC	9
20	106458700	16000202974	B	foot	2,000	PC	9
30	107055189	16000341971	B	chain deflection roller	2,000	PC	9
40	105339285			distance bushing	4,000	PC	9
50	105422449			distance bushing	4,000	PC	9
60	107059139			mount	2,000	PC	9
70	75001081516			hexagon-head bolt	4,000	PC	9
80	75211010802			disk	4,000	PC	9
90	75000102216			hexagon-head bolt	4,000	PC	9
100	75211041002			disk	4,000	PC	9
110	75001121716			hexagon-head bolt	4,000	PC	9

foot

106458700

packaging machine (RM)\basic machine\module\foot\foot



foot

106458700

packaging machine (RM)\basic machine\module\foot\foot

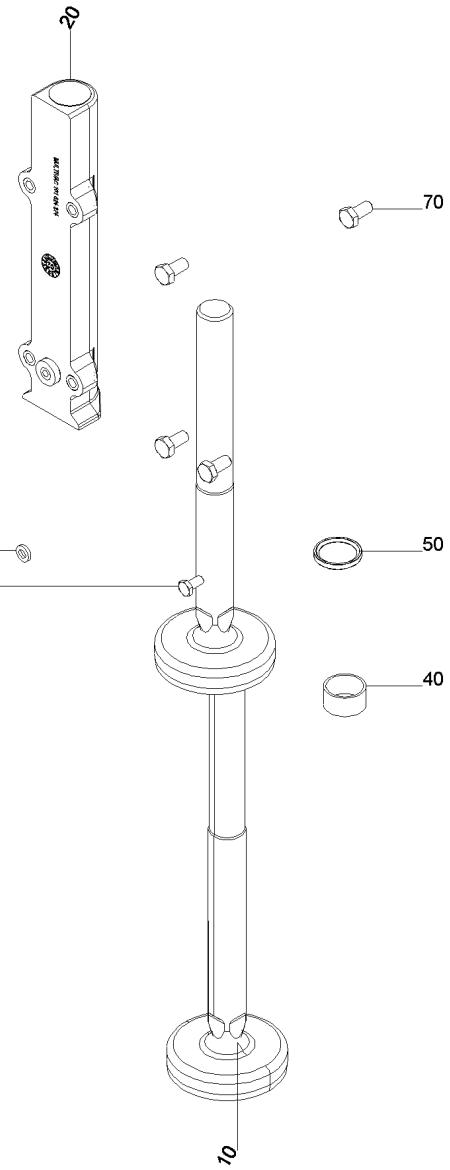


pos	material	document	version	description	quantity	quantity unit	SPC
10	106458696	16000202973	B	foot	1,000	PC	9
20	106153587	16000620466	A	mount	1,000	PC	9

foot

106458696

packaging machine (RM)\basic machine\module\foot\foot\foot



foot

106458696

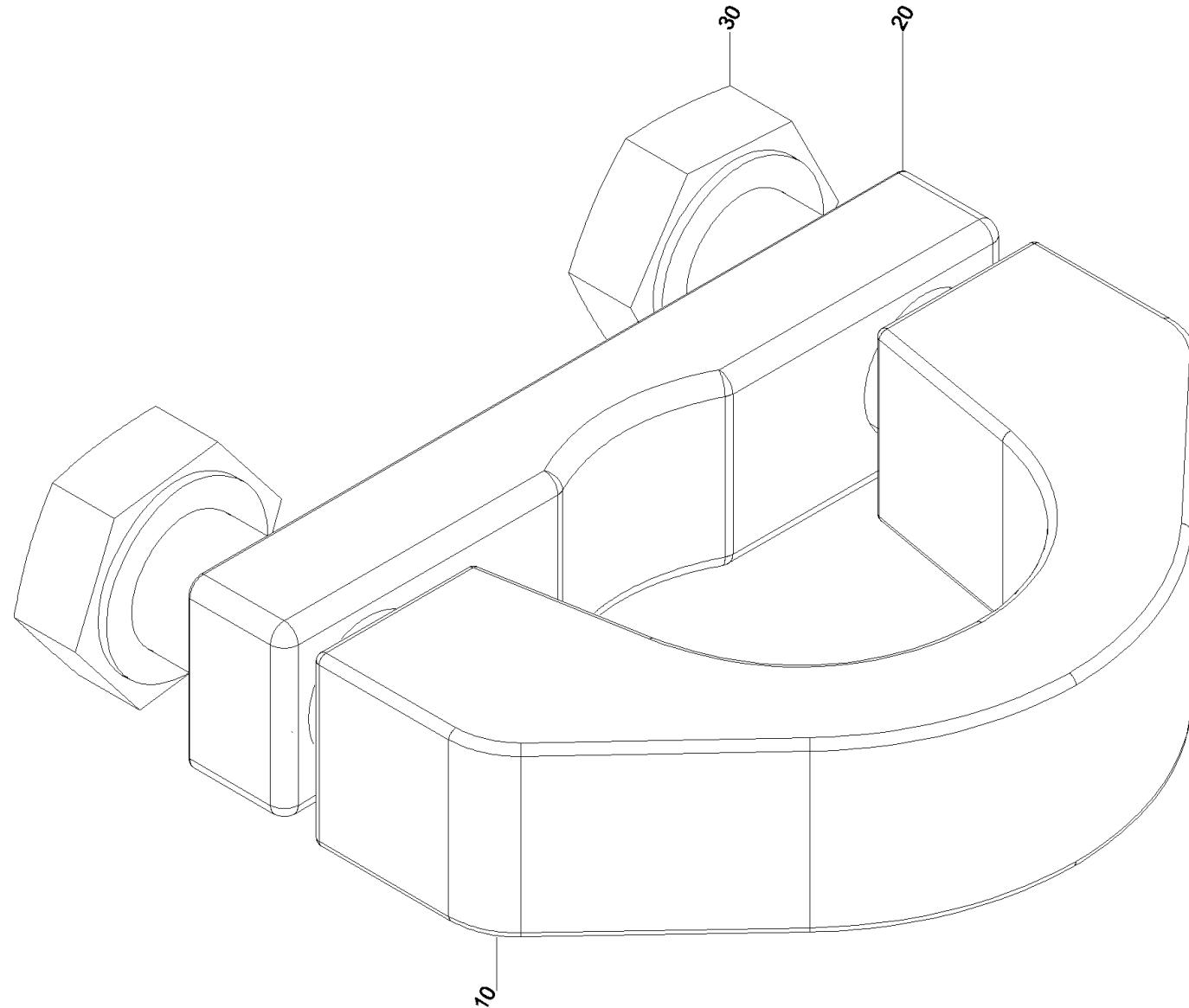
packaging machine (RM)\basic machine\module\foot\foot\foot



pos	material	document	version	description	quantity	quantity unit	SPC
10	108090137			machine foot	1,000	PC	9
20	101624274			mount	1,000	PC	9
30	101676250			disk	1,000	PC	9
40	78721025150			slide bearings	1,000	PC	3
50	78351025301			radial packing ring	1,000	PC	9
60	75001060902			hexagon-head bolt	1,000	PC	9
70	75001081102			hexagon-head bolt	4,000	PC	9

mount  
106153587

packaging machine (RM)\basic machine\module\foot\foot\mount



mount

106153587

packaging machine (RM)\basic machine\module\foot\foot\mount

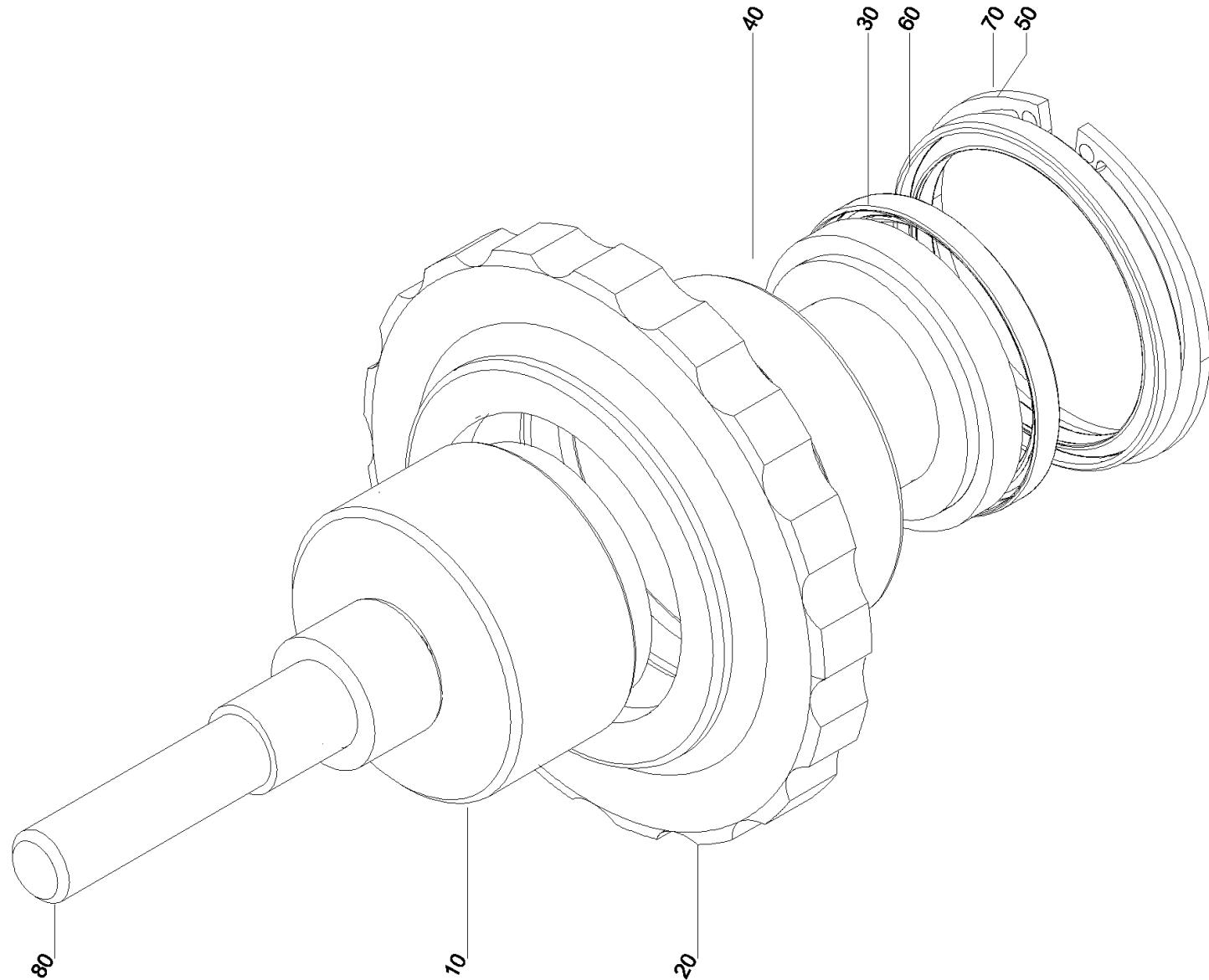


pos	material	document	version	description	quantity	quantity unit	SPC
10	106014902			clamping piece	1,000	PC	9
20	106014881			bar	1,000	PC	9
30	75001081502			hexagon-head bolt	2,000	PC	9

chain deflection roller

107055189

packaging machine (RM)\basic machine\module\foot\chain deflection roller



**chain deflection roller**

**107055189**

**packaging machine (RM)\basic machine\module\foot\chain deflection roller**

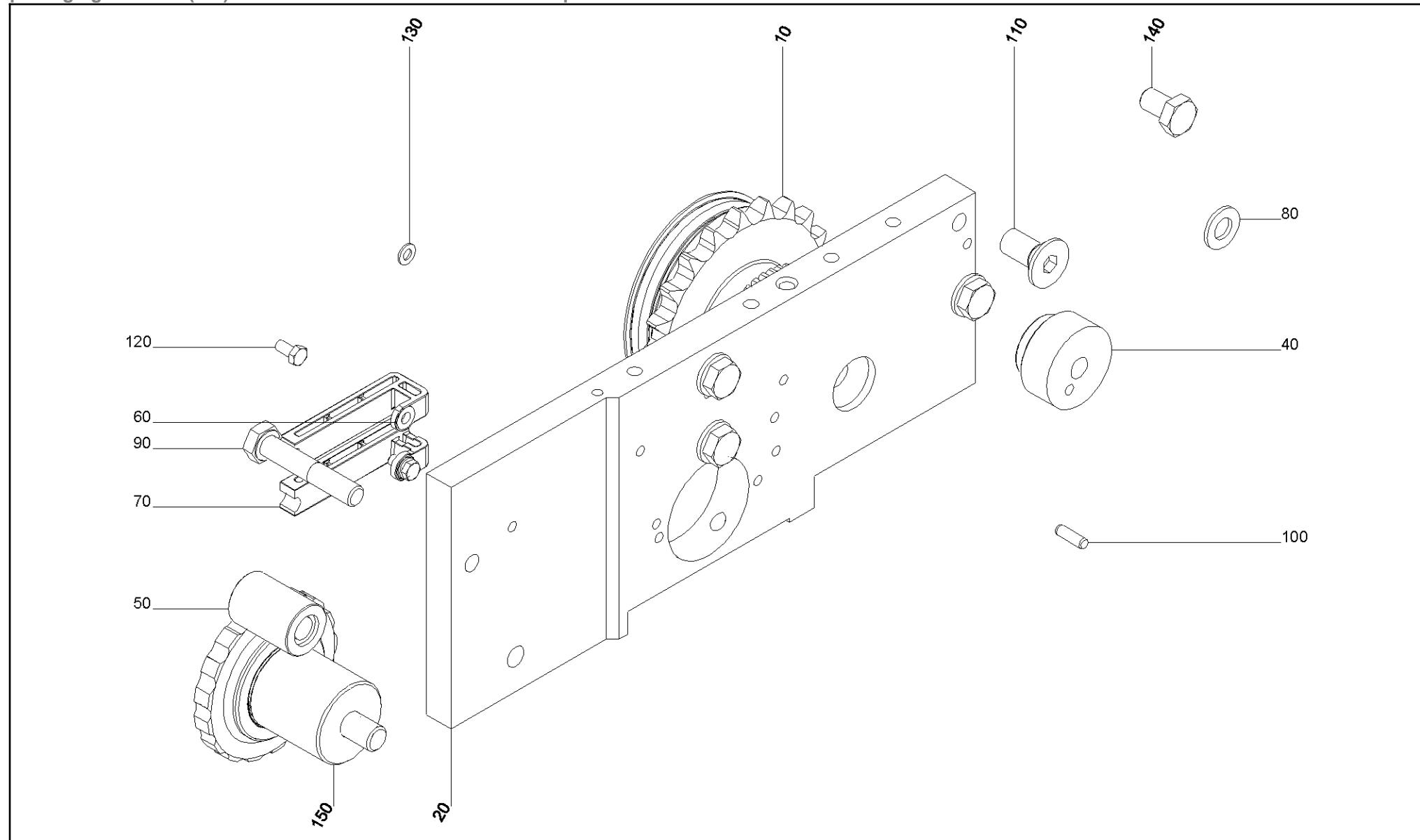


pos	material	document	version	description	quantity	quantity unit	SPC
10	107055075			female connector	1,000	PC	9
20	105594798			chain deflection roller	1,000	PC	9
30	101204252			female connector	1,000	PC	9
40	78500030504			radial deep groove ball bearing	1,000	PC	1
50	78351040400			radial packing ring	1,000	PC	1
60	78352035000			radial packing ring	1,000	PC	1
70	78100104706			retaining ring	1,000	PC	9
80	75010122116			cylindrical screw	1,000	PC	9

return chain sprocket

105814568

packaging machine (RM)\basic machine\module\return chain sprocket



return chain sprocket

105814568

packaging machine (RM)\basic machine\module\return chain sprocket



pos	material	document	version	description	quantity	quantity unit	SPC
10	105361281			chain wheel	1,000	PC	5
20	105553048			plate	1,000	PC	9
40	11638035501			bearing pin	1,000	PC	9
50	105713074			distance bushing	1,000	PC	9
60	106090824			end piece	1,000	PC	3
70	106092392			end piece	1,000	PC	3
80	75211011002			disk	4,000	PC	9
90	75000102216			hexagon-head bolt	1,000	PC	9
100	75301051000			straight pin	1,000	PC	9
110	75020121517			countersunk flat head screw	1,000	PC	9
120	75001050816			hexagon-head bolt	2,000	PC	9
130	75211010502			disk	2,000	PC	9
140	75001101116			hexagon-head bolt	4,000	PC	9
150	101204254	101726634	B	chain deflection roller	1,000	PC	N

chain deflection roller

101204254

packaging machine (RM)\basic machine\module\return chain sprocket\chain deflection roller



SYMBOLISCHE  
DARSTELLUNG  
SYMBOLIC  
REPRESENTATION  
SCHEMA  
REPRESENTACION  
SIMBOLICA

Ident-No.

101726634

Index

b

Name

schmoelz

Date

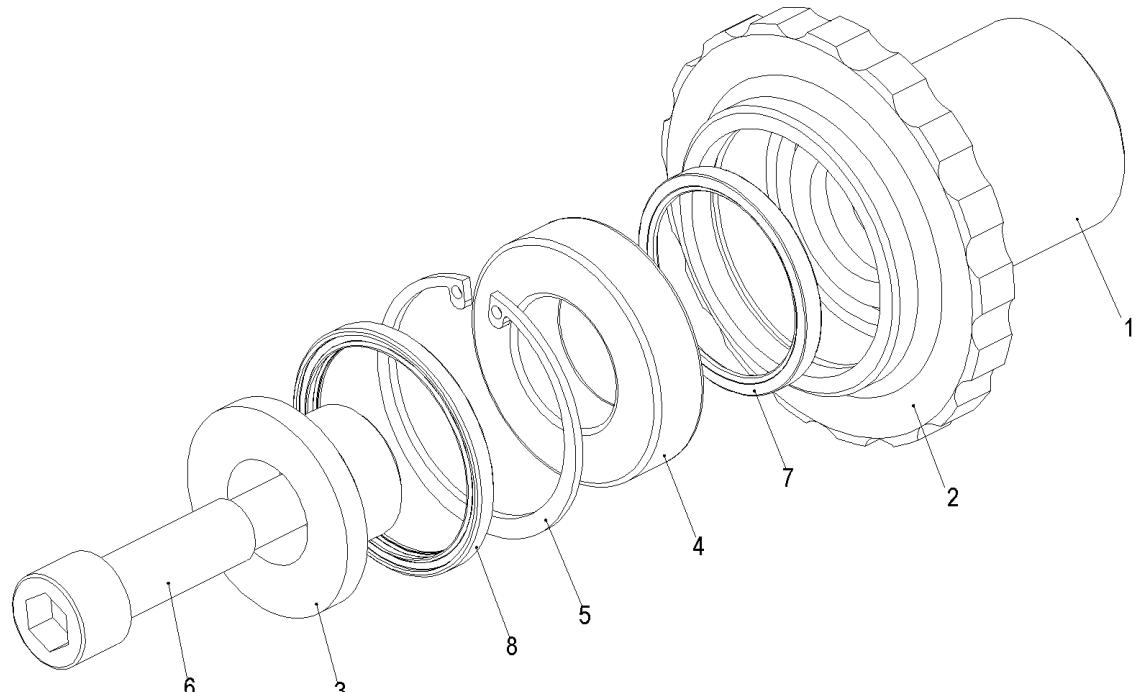
18.8.2003

Sheet

1 / 1

101726634 Kettenumlenkrolle

**MULTIVAC**



Kettenumlenkrolle  
chain deflection roller

rouleau de renvoi pour chaînes  
rodillo desviación de cadena

**chain deflection roller**

**101204254**

**packaging machine (RM)\basic machine\module\return chain sprocket\chain deflection roller**

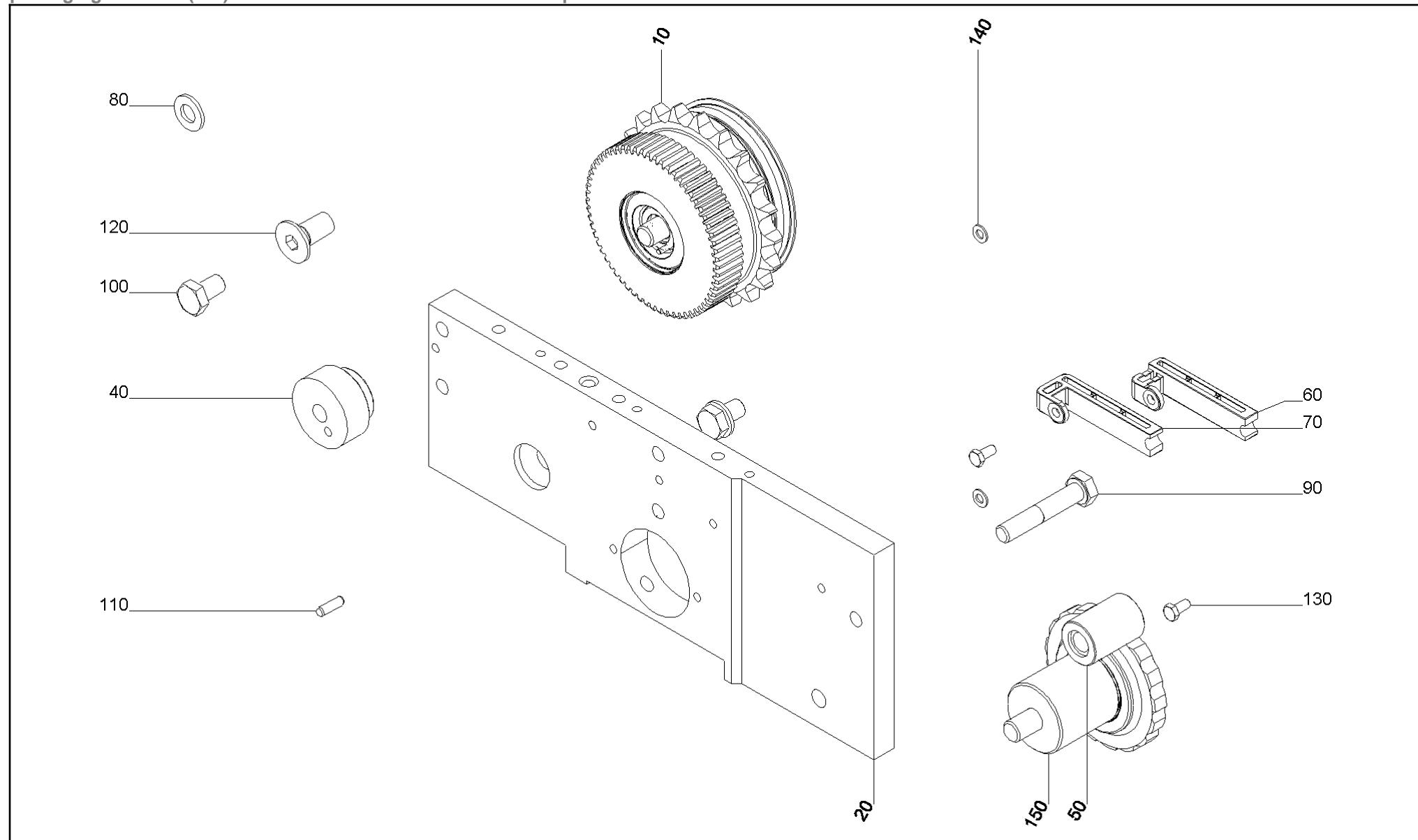


pos	material	document	version	description	quantity	quantity unit	SPC
1	101204251			female connector	1,000	PC	9
2	105594798			chain deflection roller	1,000	PC	9
3	101204252			female connector	1,000	PC	9
4	78500030504			radial deep groove ball bearing	1,000	PC	1
5	78100104702			retaining ring	1,000	PC	9
6	75010122516			cylindrical screw	1,000	PC	9
7	78352035000			radial packing ring	1,000	PC	1
8	78351040400			radial packing ring	1,000	PC	1

return chain sprocket

105814511

packaging machine (RM)\basic machine\module\return chain sprocket



return chain sprocket

105814511

packaging machine (RM)\basic machine\module\return chain sprocket



pos	material	document	version	description	quantity	quantity unit	SPC
10	105349109			chain wheel	1,000	PC	5
20	105553047			plate	1,000	PC	9
40	11638035501			bearing pin	1,000	PC	9
50	105713074			distance bushing	1,000	PC	9
60	106090824			end piece	1,000	PC	3
70	106092392			end piece	1,000	PC	3
80	75211011002			disk	4,000	PC	9
90	75000102216			hexagon-head bolt	1,000	PC	9
100	75001101116			hexagon-head bolt	4,000	PC	9
110	75301051000			straight pin	1,000	PC	9
120	75020121517			countersunk flat head screw	1,000	PC	9
130	75001050816			hexagon-head bolt	2,000	PC	9
140	75211010502			disk	2,000	PC	9
150	101204254	101726634	B	chain deflection roller	1,000	PC	N

chain deflection roller

101204254

packaging machine (RM)\basic machine\module\return chain sprocket\chain deflection roller



SYMBOLISCHE  
DARSTELLUNG  
SYMBOLIC  
REPRESENTATION  
SCHEMA  
REPRESENTACION  
SIMBOLICA

Ident-No.

101726634

Index

b

Name

schmoelz

Date

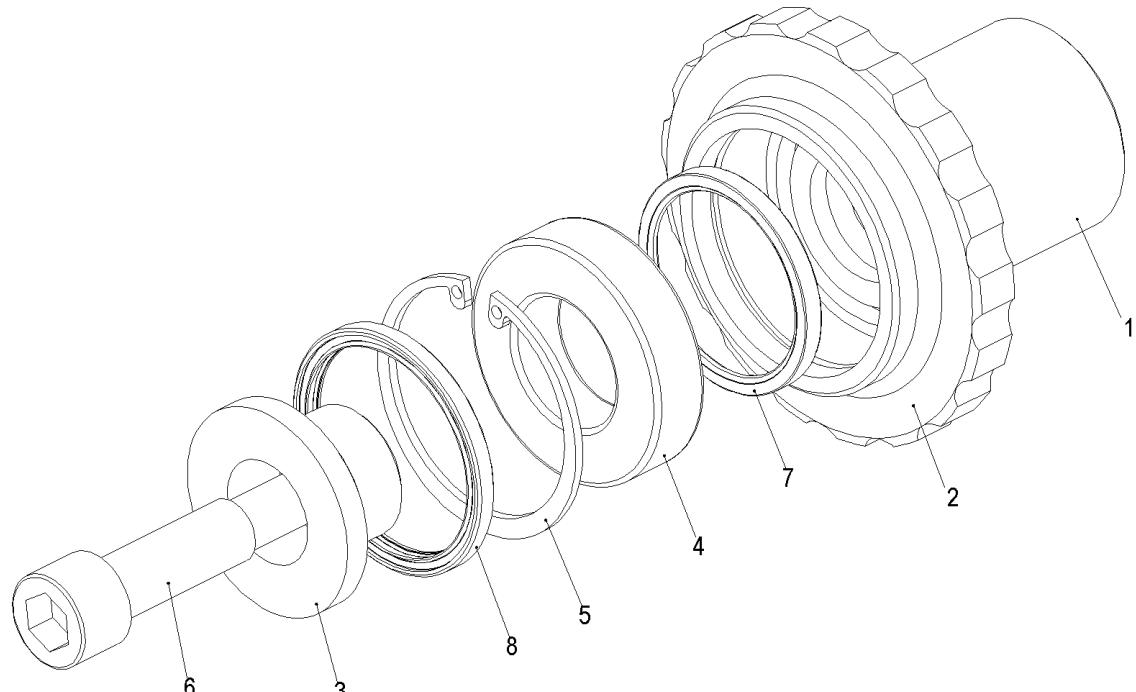
18.8.2003

Sheet

1 / 1

101726634 Kettenumlenkrolle

**MULTIVAC**



Kettenumlenkrolle  
chain deflection roller

rouleau de renvoi pour chaînes  
rodillo desviación de cadena

**chain deflection roller**

**101204254**

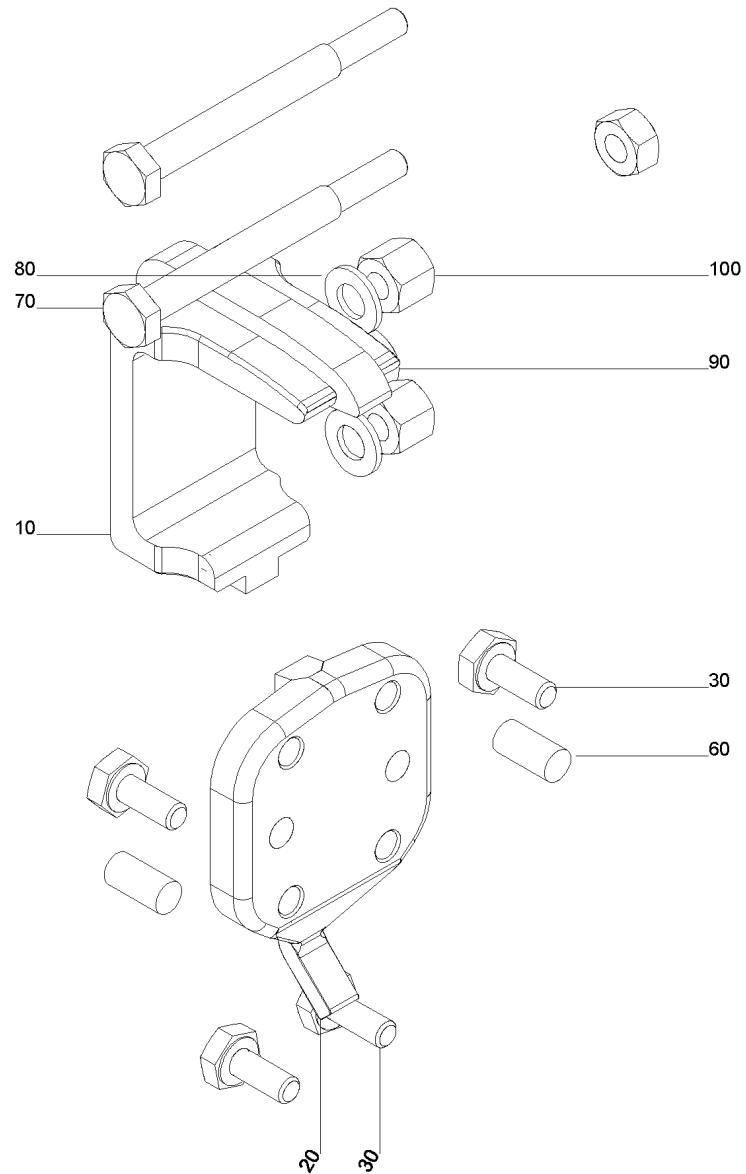
**packaging machine (RM)\basic machine\module\return chain sprocket\chain deflection roller**



pos	material	document	version	description	quantity	quantity unit	SPC
1	101204251			female connector	1,000	PC	9
2	105594798			chain deflection roller	1,000	PC	9
3	101204252			female connector	1,000	PC	9
4	78500030504			radial deep groove ball bearing	1,000	PC	1
5	78100104702			retaining ring	1,000	PC	9
6	75010122516			cylindrical screw	1,000	PC	9
7	78352035000			radial packing ring	1,000	PC	1
8	78351040400			radial packing ring	1,000	PC	1

fastening  
105328500

packaging machine (RM)\basic machine\module\fastening



**fastening**

**105328500**

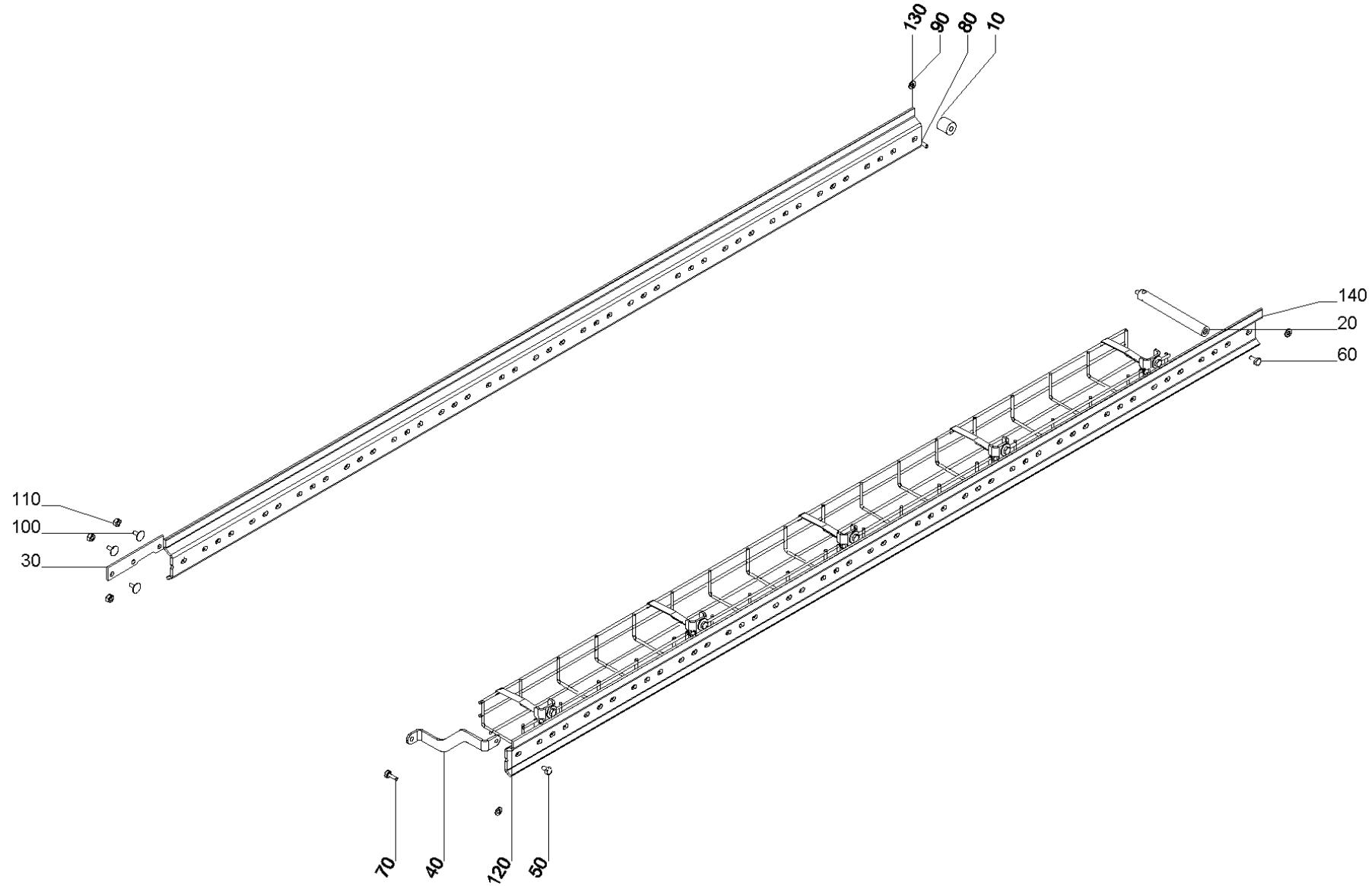
**packaging machine (RM)\basic machine\module\fastening**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105413513			connector piece	1,000	PC	3
20	105705781			intermediary	1,000	PC	9
30	75001081102			hexagon-head bolt	4,000	PC	9
60	75300082802			straight pin	2,000	PC	9
70	75000082702			hexagon-head bolt	2,000	PC	9
80	75211010802			disk	2,000	PC	9
90	75200000802			hexagon nut	2,000	PC	9
100	75200290802			cap nut	2,000	PC	9

section  
106757302

packaging machine (RM)\basic machine\section



section

106757302

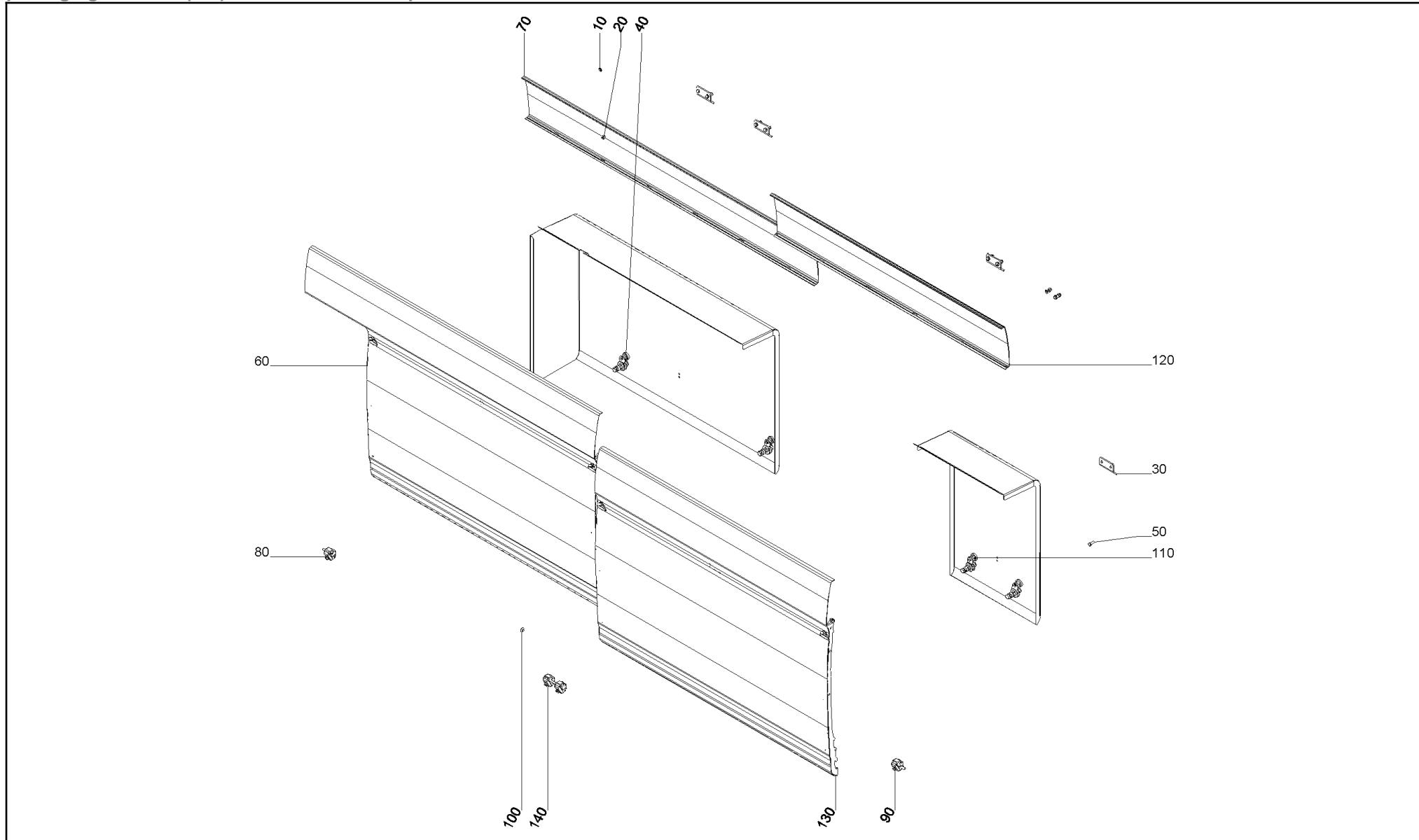
packaging machine (RM)\basic machine\section



pos	material	document	version	description	quantity	quantity unit	SPC
10	101722951			female connector	1,000	PC	9
20	11601017217			spacer bolts	1,000	PC	9
30	105445604			plate	1,000	PC	9
40	106758596			holding sheet	1,000	PC	9
50	75001080902			hexagon-head bolt	1,000	PC	9
60	75001081116			hexagon-head bolt	1,000	PC	9
70	75001081316			hexagon-head bolt	1,000	PC	9
80	75001081916			hexagon-head bolt	1,000	PC	9
90	75211010802			disk	3,000	PC	9
100	75070081102			flat-head bolt	3,000	PC	9
110	75200000802			hexagon nut	3,000	PC	9
120	106435794			grid duct	1,000	PC	N
130	105670343			section	1,000	PC	9
140	105618475			section	1,000	PC	9

side panel  
108057509

packaging machine (RM)\basic machine\side panel



side panel  
108057509

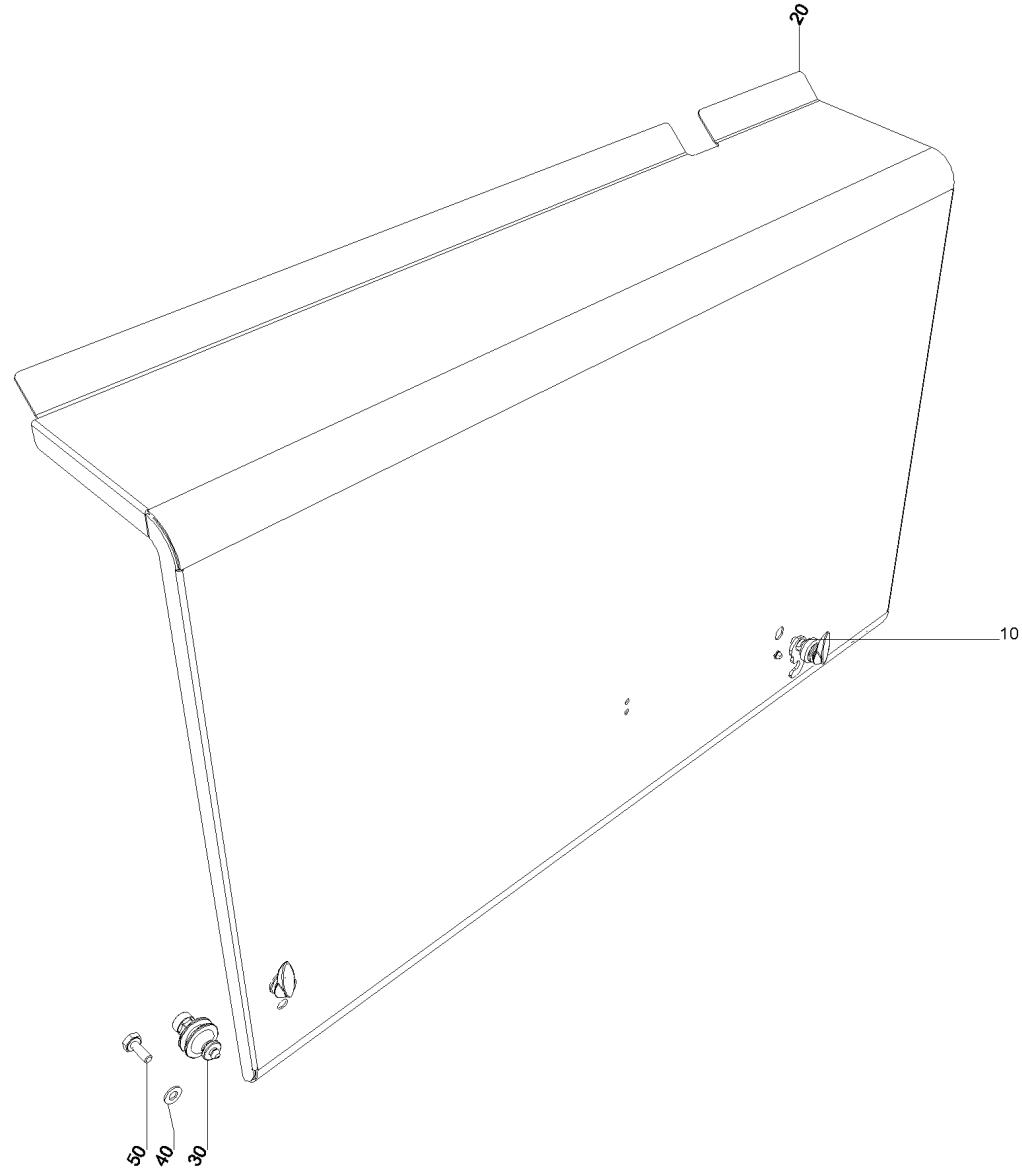


packaging machine (RM)\basic machine\side panel

pos	material	document	version	description	quantity	quantity unit	SPC
10	75211010602			disk	8,000	PC	9
20	75200300602			cap nut	8,000	PC	9
30	105447264			sheet	4,000	PC	9
40	107120378	16000367862	C	side panel	1,000	PC	N
50	75001061102			hexagon-head bolt	8,000	PC	9
60	106774392	16000274328	0	side panel	1,000	PC	N
70	105544270			side panel	1,000	PC	9
80	105586693			mount	1,000	PC	9
90	105586692			mount	1,000	PC	9
100	105515684			stop limit	1,000	PC	9
110	106638672	16000242743	A	side panel	1,000	PC	N
120	105516105			side panel	1,000	PC	9
130	106210266	16000162923	A	side panel	1,000	PC	N
140	105586898			mount	1,000	PC	9

side panel  
107120378

packaging machine (RM)\basic machine\side panel\side panel



side panel

107120378

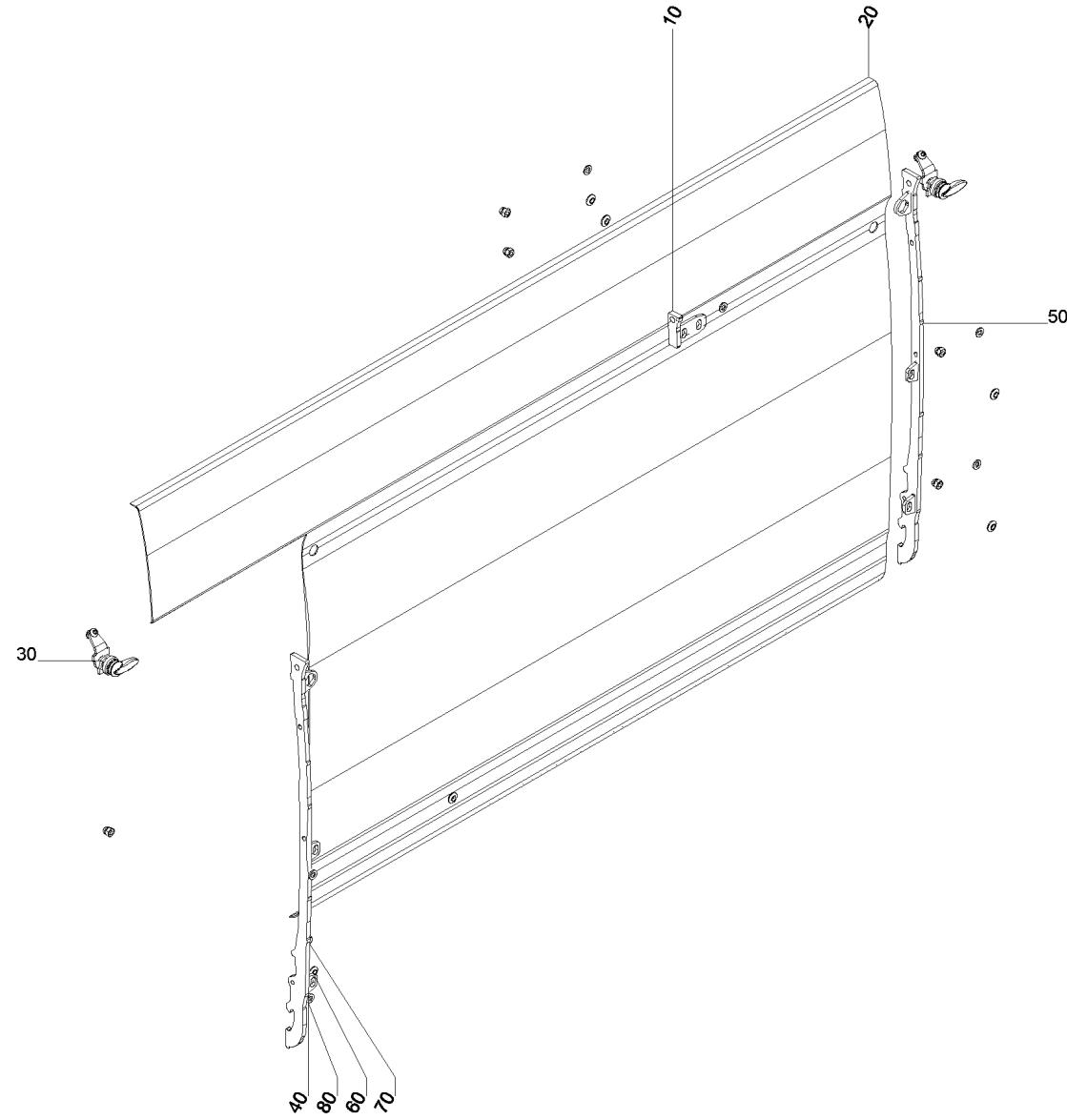
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	106406960			locking device	2,000	PC	9
20	107120375			side panel	1,000	PC	9
30	107158328			stud	2,000	PC	9
40	75211010802			disk	2,000	PC	9
50	75001081316			hexagon-head bolt	2,000	PC	9

side panel  
106774392

packaging machine (RM)\basic machine\side panel\side panel



side panel

106774392

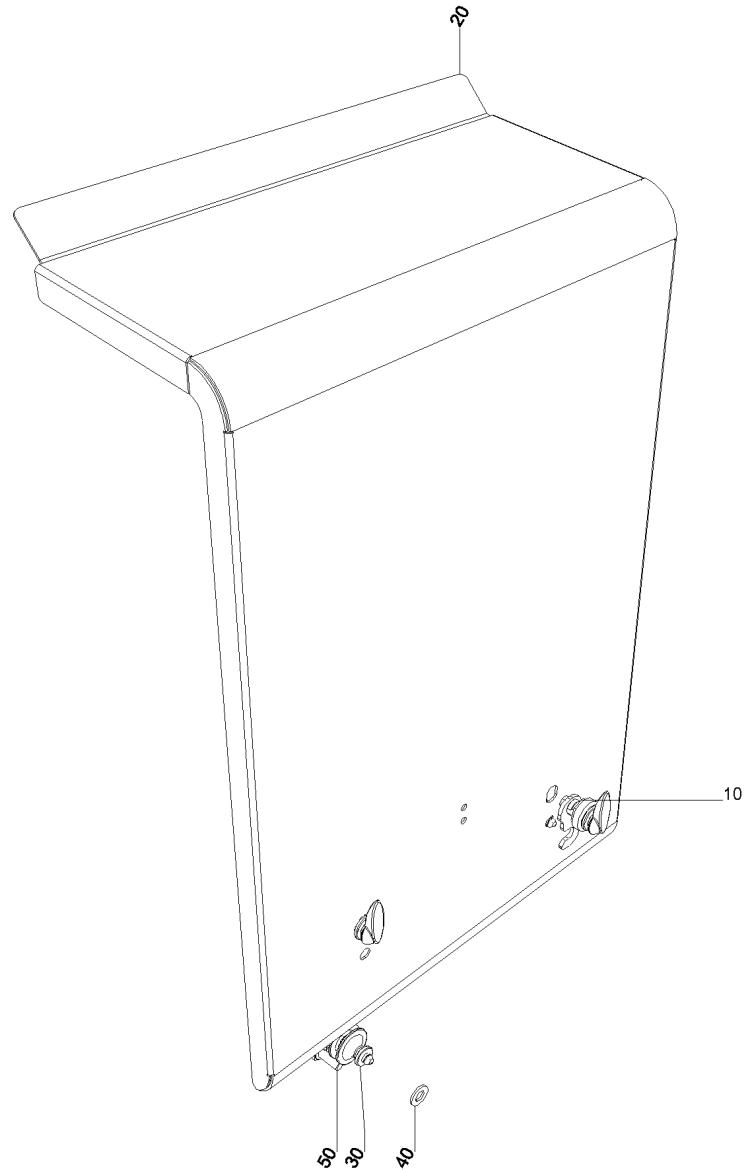
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	106267935			mount	1,000	PC	9
20	106774197			side panel	1,000	PC	9
30	105684366			locking device	2,000	PC	9
40	105432858			mount	1,000	PC	9
50	105435549			mount	1,000	PC	9
60	105417288			female connector	6,000	PC	9
70	75200300602			cap nut	6,000	PC	9
80	75211010602			disk	6,000	PC	9

side panel  
106638672

packaging machine (RM)\basic machine\side panel\side panel



side panel

106638672

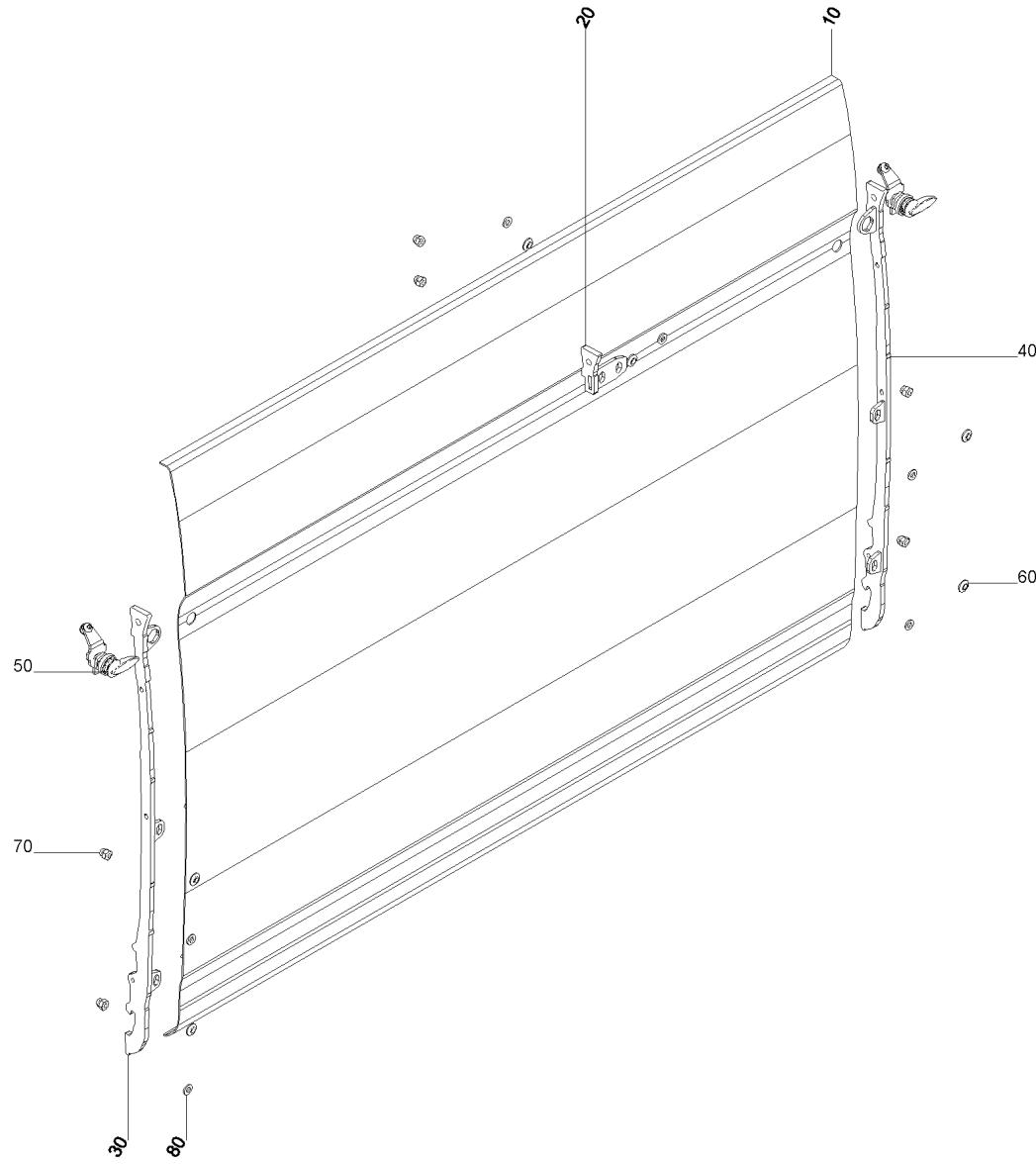
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	106406960			locking device	2,000	PC	9
20	106638640			side panel	1,000	PC	9
30	107158328			stud	2,000	PC	9
40	75211010802			disk	2,000	PC	9
50	75001081316			hexagon-head bolt	2,000	PC	9

side panel  
106210266

packaging machine (RM)\basic machine\side panel\side panel



side panel

106210266

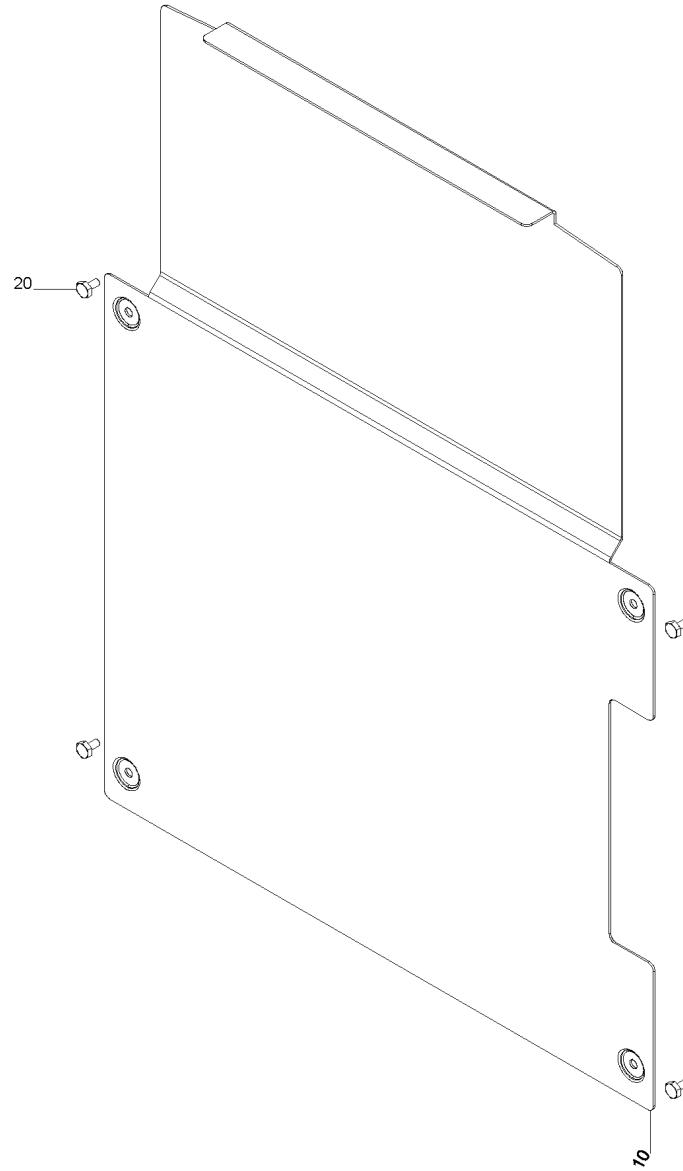
packaging machine (RM)\basic machine\side panel\side panel



pos	material	document	version	description	quantity	quantity unit	SPC
10	106210021			side panel	1,000	PC	9
20	106267935			mount	1,000	PC	9
30	105432858			mount	1,000	PC	9
40	105435549			mount	1,000	PC	9
50	105684366			locking device	2,000	PC	9
60	105417288			female connector	6,000	PC	9
70	75200300602			cap nut	6,000	PC	9
80	75211010602			disk	6,000	PC	9

cover sheet  
105760504

packaging machine (RM)\basic machine\cover sheet



**cover sheet**

**105760504**

**packaging machine (RM)\basic machine\cover sheet**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105738263			sheet	1,000	PC	9
20	75001060816			hexagon-head bolt	4,000	PC	9

electrical system  
108372959

packaging machine (RM)\basic machine\electrical system



keine Zeichnung vorhanden  
no drawing available

## electrical system

108372959

packaging machine (RM)\basic machine\electrical system



pos	material	document	version	description	quantity	quantity unit	SPC
10	108230772			connection cable	1,000	PC	9
20	107640343	16000509496	0	rechargeable battery	1,000	PC	5
30	107669956	16000499044	E	holding device	1,000	PC	9
40	106498292			connection cable	1,000	PC	5
50	107918459			connection cable	1,000	PC	5
60	107918459			connection cable	1,000	PC	5
70	107918460			connection cable	1,000	PC	5
80	107918460			connection cable	1,000	PC	5
90	107918460			connection cable	1,000	PC	5
100	106394776			connection cable	1,000	PC	5
110	106215178			connection cable	1,000	PC	5
120	85123211404			connection cable	1,000	PC	N
130	85219120102			control line	4,000	M	9
140	85219050051			control line	4,000	M	9
150	106496363			connection cable	1,000	PC	9
160	106086657			connection cable	1,000	PC	5
170	107918459			connection cable	1,000	PC	5
180	86311191200			ferrite toroidal core	1,000	PC	5
190	106498292			connection cable	1,000	PC	5
200	85123211407			connection cable	1,000	PC	5
210	107918458			connection cable	1,000	PC	5
220	85218030025			control line	7,000	M	9
230	105410826			valve plug	3,000	PC	9
240	106498292			connection cable	1,000	PC	5
250	106498292			connection cable	1,000	PC	5
260	85123211407			connection cable	1,000	PC	5
270	107918458			connection cable	1,000	PC	5
280	108003547			cable bushing	1,000	PC	9
290	105498290			screwed cable gland	1,000	PC	9
300	108003549			carrier	1,000	PC	9

electrical system  
108372959

packaging machine (RM)\basic machine\electrical system



keine Zeichnung vorhanden  
no drawing available

## electrical system

108372959

packaging machine (RM)\basic machine\electrical system



pos	material	document	version	description	quantity	quantity unit	SPC
310	107564430			contact jack	3,000	PC	5
320	107610759			contact jack	4,000	PC	5
330	106496363			connection cable	1,000	PC	9
340	106086657			connection cable	1,000	PC	5
350	107918459			connection cable	1,000	PC	5
360	86311191200			ferrite toroidal core	1,000	PC	5
370	105673191			plug part set	1,000	PC	9
380	106428455			set of bushings	1,000	PC	9
390	85123211407			connection cable	1,000	PC	5
400	107758429			hybrid cable	5,000	M	9
410	107731700	16000518696	0	plug part set	1,000	PC	9
420	106482317			clutch	1,000	PC	9
430	106498292			connection cable	1,000	PC	5
440	107918458			connection cable	1,000	PC	5
450	85219120600			control line	36,000	M	9
460	107918459			connection cable	1,000	PC	5
470	107918459			connection cable	1,000	PC	5
480	107918457			connection cable	1,000	PC	5
490	107918457			connection cable	1,000	PC	5
500	107918457			connection cable	1,000	PC	5
510	107918457			connection cable	1,000	PC	5
520	107918457			connection cable	1,000	PC	5
530	107918457			connection cable	1,000	PC	5
540	107918458			connection cable	1,000	PC	5
550	107918459			connection cable	1,000	PC	5
560	107918453			connection cable	1,000	PC	5
570	107918453			connection cable	1,000	PC	5
580	107918453			connection cable	1,000	PC	5
590	107918453			connection cable	1,000	PC	5
600	107918453			connection cable	1,000	PC	5

electrical system  
108372959

packaging machine (RM)\basic machine\electrical system



keine Zeichnung vorhanden  
no drawing available

## electrical system

108372959

packaging machine (RM)\basic machine\electrical system



pos	material	document	version	description	quantity	quantity unit	SPC
610	107918453			connection cable	1,000	PC	5
620	107918457			connection cable	1,000	PC	5
630	107918457			connection cable	1,000	PC	5
640	107918457			connection cable	1,000	PC	5
650	107918453			connection cable	1,000	PC	5
660	107918453			connection cable	1,000	PC	5
670	107918453			connection cable	1,000	PC	5
680	107918453			connection cable	1,000	PC	5
690	107918453			connection cable	1,000	PC	5
700	107918453			connection cable	1,000	PC	5
710	107918453			connection cable	1,000	PC	5
720	107918453			connection cable	1,000	PC	5
730	107918453			connection cable	1,000	PC	5
740	107918453			connection cable	1,000	PC	5
750	107918453			connection cable	1,000	PC	5
760	107918453			connection cable	1,000	PC	5
770	107918453			connection cable	1,000	PC	5
780	107918453			connection cable	1,000	PC	5
790	107918453			connection cable	1,000	PC	5
800	107918457			connection cable	1,000	PC	5
810	107918453			connection cable	1,000	PC	5
820	107918453			connection cable	1,000	PC	5
830	107918453			connection cable	1,000	PC	5
840	107918453			connection cable	1,000	PC	5
850	107918453			connection cable	1,000	PC	5
860	107918453			connection cable	1,000	PC	5
870	107918453			connection cable	1,000	PC	5
880	107918453			connection cable	1,000	PC	5
890	107918453			connection cable	1,000	PC	5
900	107918453			connection cable	1,000	PC	5

electrical system  
108372959

packaging machine (RM)\basic machine\electrical system



keine Zeichnung vorhanden  
no drawing available

**electrical system**

**108372959**

**packaging machine (RM)\basic machine\electrical system**



pos	material	document	version	description	quantity	quantity unit	SPC
910	107918453			connection cable	1,000	PC	5

connection cable  
108230772

packaging machine (RM)\basic machine\electrical system\connection cable



keine Zeichnung vorhanden  
no drawing available

**connection cable****108230772**

packaging machine (RM)\basic machine\electrical system\connection cable



pos	material	document	version	description	quantity	quantity unit	SPC
10	105599190			clamping box	1,000	PC	9
20	108089480			plug part set	1,000	PC	9
30	85219050053			control line	7,000	M	9
40	105548130			bracket	1,000	PC	9
50	85121131401			outer sleeve	1,000	PC	9
60	75010040902			cylindrical screw	4,000	PC	9
70	75015040802			cylindrical screw	4,000	PC	9
80	85145130007			heat shrink tube	0,030	M	9
90	75001061502			hexagon-head bolt	2,000	PC	9
100	75200000602			hexagon nut	2,000	PC	9

plug part set  
108089480

packaging machine (RM)\basic machine\electrical system\connection cable\plug part set



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plug part set

108089480

packaging machine (RM)\basic machine\electrical system\connection cable\plug part set

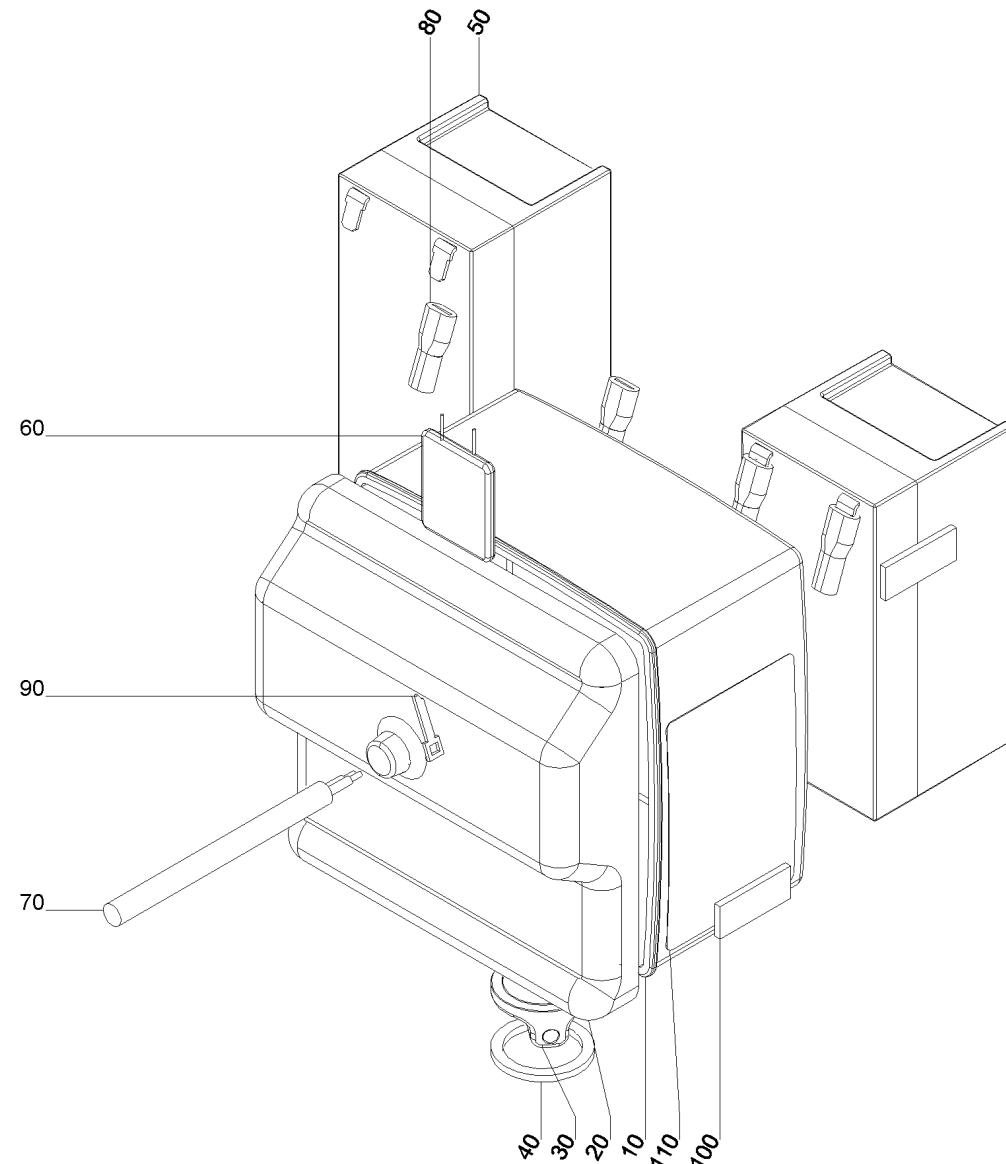


pos	material	document	version	description	quantity	quantity unit	SPC
10	107448880			flange socket	1,000	PC	9
40	107610759			contact jack	2,000	PC	5
50	108003529			contact jack	5,000	PC	5
60	85131114913			screwed cable gland	1,000	PC	9
70	107448882			cover flap	1,000	PC	9
80	108003549			carrier	1,000	PC	9

rechargeable battery

107640343

packaging machine (RM)\basic machine\electrical system\rechargeable battery



rechargeable battery

107640343

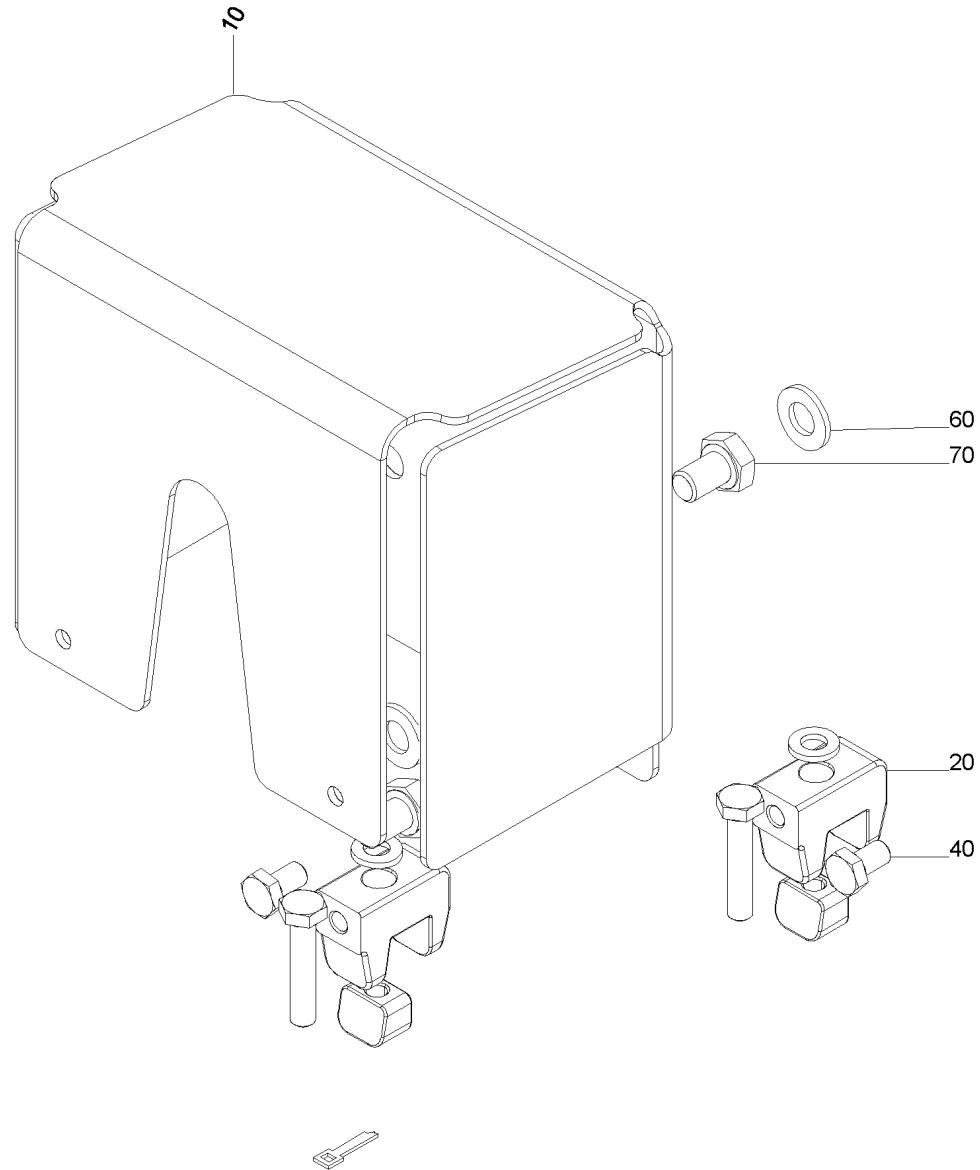
packaging machine (RM)\basic machine\electrical system\rechargeable battery



pos	material	document	version	description	quantity	quantity unit	SPC
10	107640147			housing	1,000	PC	3
20	107522040			hood	1,000	PC	N
30	107605787			housing	1,000	PC	N
40	107616457			seal	1,000	PC	N
50	107695362			rechargeable battery	2,000	PC	5
60	107695365			PTC-Sicherung	1,000	PC	9
70	85218030004			control line	7,000	M	9
80	85121131150			receptacle	4,000	PC	9
90	85148201030			cable tie	1,000	PC	9
100	105859928			gasket band	0,300	M	9
110	107714204			type plate	1,000	PC	9

holding device  
107669956

packaging machine (RM)\basic machine\electrical system\holding device



**holding device**

**107669956**

**packaging machine (RM)\basic machine\electrical system\holding device**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107717567			guard plate	1,000	PC	9
20	106041050			mount	2,000	PC	9
40	75001060816			hexagon-head bolt	2,000	PC	9
50	85148201030			cable tie	1,000	PC	9
60	75211010802			disk	2,000	PC	9
70	75001080902			hexagon-head bolt	2,000	PC	9

set of bushings

106428455

packaging machine (RM)\basic machine\electrical system\set of bushings



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no drawing available

**set of bushings****106428455**

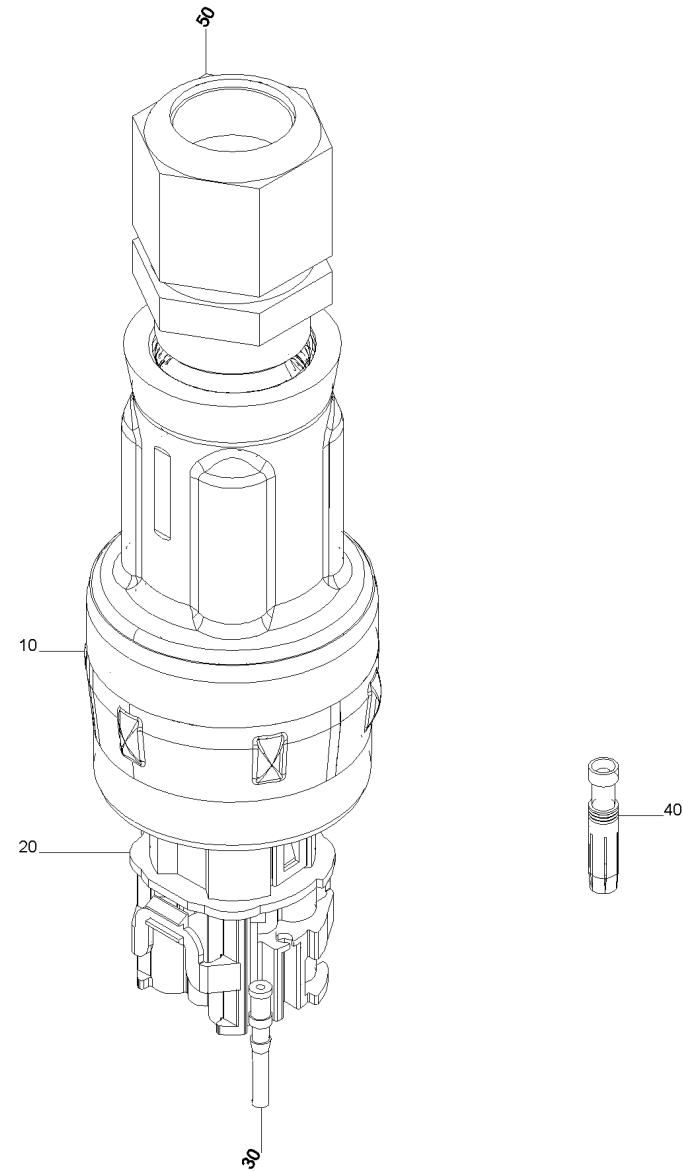
packaging machine (RM)\basic machine\electrical system\set of bushings



pos	material	document	version	description	quantity	quantity unit	SPC
10	85123211003			cover flap	1,000	PC	9
20	85123211320			unit socket	1,000	PC	5
30	85218031022			control line	3,500	M	9
40	85121191020			wire-end ferrule	4,000	PC	9
50	105674664			signpost	1,000	PC	9

plug part set  
107731700

packaging machine (RM)\basic machine\electrical system\plug part set



plug part set

107731700

packaging machine (RM)\basic machine\electrical system\plug part set



pos	material	document	version	description	quantity	quantity unit	SPC
10	108003547			cable bushing	1,000	PC	9
20	108003549			carrier	1,000	PC	9
30	107610759			contact jack	4,000	PC	5
40	107564430			contact jack	5,000	PC	5
50	105498290			screwed cable gland	1,000	PC	9

switch cabinet

108372957

packaging machine (RM)\basic machine\switch cabinet



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no drawing available

**switch cabinet**

**108372957**

**packaging machine (RM)\basic machine\switch cabinet**



pos	material	document	version	description	quantity	quantity unit	SPC
10	108372954			switchboard	1,000	PC	N
20	107181352	16000386656	A	switch cabinet	1,000	PC	9
30	107482274	16000453916	A	operating terminal	1,000	PC	9

switchboard  
108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



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no drawing available

switchboard

108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



pos	material	document	version	description	quantity	quantity unit	SPC
10	105128760			circuit breaker	1,000	PC	9
20	105128769			circuit breaker	1,000	PC	9
30	105516908			insulating tube	1,000	M	9
40	107337137			angle union	1,000	PC	N
50	105568232			reduction	1,000	PC	9
60	105568373			reduction	1,000	PC	9
70	85131114914			screwed cable gland	1,000	PC	9
80	85131114915			screwed cable gland	1,000	PC	9
90	105712714			main switch	1,000	PC	5
100	85641301539			power transformer	1,000	PC	5
110	106012019			plate	2,000	PC	N
120	106409258			plate	1,000	PC	9
130	85211030292			cable line	0,600	M	9
140	85211036100			rubber-insulated wire	0,600	M	9
150	85218030015			control line	2,500	M	9
160	105515465			socket	1,000	PC	5
170	107160992			terminal	1,000	PC	9
180	106607542			Ethernet switch	1,000	PC	5
190	105129007			circuit breaker	1,000	PC	9
200	105128873			circuit breaker	1,000	PC	9
210	105128873			circuit breaker	1,000	PC	9
220	107788035			signal light	1,000	PC	9
230	107788019			signal light	1,000	PC	9
240	107788031			signal light	1,000	PC	9
250	107788018			warning signal generator	1,000	PC	9
260	105881146			Control cabinet frame	1,000	PC	N
270	105992998			mount	5,000	PC	N
280	105646060			phase sequence relay	1,000	PC	3
290	107771357			emergency shut-down device	1,000	PC	5
300	107000425			relay	1,000	PC	1

switchboard  
108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



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switchboard

108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



pos	material	document	version	description	quantity	quantity unit	SPC
310	107000423			relay module	1,000	PC	9
320	105128276			DS busbar	0,250	M	9
330	105128291			protective cap	1,000	PC	9
340	105128291			protective cap	1,000	PC	9
350	85218031002			control line	2,000	M	9
360	106103668			connecting cable	1,000	PC	9
370	105606292			clamping piece	1,000	PC	9
380	105606290			connecting element	1,000	PC	9
390	11586126053			right-angle plug	1,000	PC	3
400	105368242			unit plug	1,000	PC	5
410	11586125108			connection cable	1,000	PC	9
420	105606292			clamping piece	1,000	PC	9
430	105606290			connecting element	1,000	PC	9
440	106911435			d.c. contactor	1,000	PC	1
450	106913122			diode erase element	1,000	PC	3
460	107199894			compact amplifier	1,000	PC	5
470	107679485			warning sign	1,000	PC	N
480	105128881			circuit breaker	1,000	PC	1
490	105606292			clamping piece	1,000	PC	9
500	105606290			connecting element	1,000	PC	9
510	106914876			power breaker	1,000	PC	5
520	106915218			indicator switch	1,000	PC	5
530	106024660			power transformer	1,000	PC	5
540	105865495			control line	1,000	M	9
550	85218030025			control line	11,000	M	9
560	105606292			clamping piece	1,000	PC	9
570	105606290			connecting element	1,000	PC	9
580	105606292			clamping piece	1,000	PC	9
590	105606290			connecting element	1,000	PC	9
600	105606292			clamping piece	1,000	PC	9

switchboard  
108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



keine Zeichnung vorhanden  
no drawing available

## switchboard

108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



pos	material	document	version	description	quantity	quantity unit	SPC
610	105606290			connecting element	1,000	PC	9
620	105606292			clamping piece	1,000	PC	9
630	105606290			connecting element	1,000	PC	9
640	106911435			d.c. contactor	1,000	PC	1
650	106911435			d.c. contactor	1,000	PC	1
660	106913122			diode erase element	1,000	PC	3
670	107518492			RC fuse	1,000	PC	5
680	106913122			diode erase element	1,000	PC	3
690	107518492			RC fuse	1,000	PC	5
700	107467016			frequency converter	1,000	PC	3
710	107679485			warning sign	1,000	PC	N
720	105128870			circuit breaker	1,000	PC	1
730	105544860			installation rail	1,000	PC	9
740	101102353			brake resistance	1,000	PC	5
750	105917988			load relay	1,000	PC	5
760	85219130007			data line	8,000	M	9
770	85219120600			control line	5,000	M	9
780	105606292			clamping piece	1,000	PC	9
790	105606290			connecting element	1,000	PC	9
800	105606292			clamping piece	1,000	PC	9
810	105606290			connecting element	1,000	PC	9
820	105606292			clamping piece	1,000	PC	9
830	105606290			connecting element	1,000	PC	9
840	105606292			clamping piece	1,000	PC	9
850	105606290			connecting element	1,000	PC	9
860	105606292			clamping piece	1,000	PC	9
870	105606290			connecting element	1,000	PC	9
880	106910542			d.c. contactor	1,000	PC	5
890	106914388			power breaker	1,000	PC	5
900	106915218			indicator switch	1,000	PC	5

switchboard  
108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



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## switchboard

108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



pos	material	document	version	description	quantity	quantity unit	SPC
910	105178952			DS busbar	1,000	PC	5
920	106915285			connection terminal	1,000	PC	9
930	106915211			diode erase element	1,000	PC	3
940	105129675			circuit breaker	1,000	PC	1
950	105606292			clamping piece	1,000	PC	9
960	105606290			connecting element	1,000	PC	9
970	105643280			solid state relay	1,000	PC	3
980	107758429			hybrid cable	9,000	M	9
990	107467016			frequency converter	1,000	PC	3
1000	107679485			warning sign	1,000	PC	N
1010	105128870			circuit breaker	1,000	PC	1
1020	105544860			installation rail	1,000	PC	9
1030	101102353			brake resistance	1,000	PC	5
1040	105917988			load relay	1,000	PC	5
1050	107016276			relay module	1,000	PC	5
1060	105606292			clamping piece	1,000	PC	9
1070	105606290			connecting element	1,000	PC	9
1080	105129675			circuit breaker	1,000	PC	1
1090	105606292			clamping piece	1,000	PC	9
1100	105606290			connecting element	1,000	PC	9
1110	107000425			relay	1,000	PC	1
1120	107000423			relay module	1,000	PC	9
1140	105643280			solid state relay	1,000	PC	3
1150	105128276			DS busbar	0,070	M	9
1160	105128291			protective cap	1,000	PC	9
1170	105128291			protective cap	1,000	PC	9
1190	107273444			current sensor	1,000	PC	9
1200	107273444			current sensor	1,000	PC	9
1210	107273444			current sensor	1,000	PC	9
1220	107705527			licence	1,000	PC	N

switchboard  
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packaging machine (RM)\basic machine\switch cabinet\switchboard



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**switchboard**

**108372954**

**packaging machine (RM)\basic machine\switch cabinet\switchboard**



pos	material	document	version	description	quantity	quantity unit	SPC
1230	107267068			memory module (asm)	1,000	PC	5
1240	107352999			input terminal	1,000	PC	5
1250	107352999			input terminal	1,000	PC	5
1260	107353037			input terminal	1,000	PC	5
1270	107353016			output terminal	1,000	PC	5
1280	107352946			input terminal	1,000	PC	9
1290	107352946			input terminal	1,000	PC	9
1300	107352946			input terminal	1,000	PC	9
1310	107352946			input terminal	1,000	PC	9
1320	107352946			input terminal	1,000	PC	9
1330	107352944			output terminal	1,000	PC	9
1340	107352944			output terminal	1,000	PC	9
1350	107352944			output terminal	1,000	PC	9
1360	107352944			output terminal	1,000	PC	9
1370	107352944			output terminal	1,000	PC	9
1380	107353011			positioning module	1,000	PC	3
1390	107353018			potential distributor terminal	1,000	PC	9
1400	107353018			potential distributor terminal	1,000	PC	9
1410	107353018			potential distributor terminal	1,000	PC	9
1420	107353013			potential distributor terminal	1,000	PC	9
1430	107353013			potential distributor terminal	1,000	PC	9
1440	107353013			potential distributor terminal	1,000	PC	9
1450	107353013			potential distributor terminal	1,000	PC	9
1460	107352994			bus coupler	1,000	PC	3
1470	107353015			power supply unit	1,000	PC	5
1480	107353033			potential supply terminal	1,000	PC	9
1490	107353015			power supply unit	1,000	PC	5
1500	107353017			interface module	1,000	PC	9
1510	107353053			interface module	1,000	PC	9
1520	107353012			temperature clamp	1,000	PC	5

switchboard  
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packaging machine (RM)\basic machine\switch cabinet\switchboard



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## switchboard

108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



pos	material	document	version	description	quantity	quantity unit	SPC
1530	107353012			temperature clamp	1,000	PC	5
1540	105128760			circuit breaker	1,000	PC	9
1550	85411110508			glass-case fuse	1,000	PC	1
1560	85411110510			glass-case fuse	1,000	PC	1
1570	85411110508			glass-case fuse	1,000	PC	1
1580	85411110508			glass-case fuse	1,000	PC	1
1590	85411110501			glass-case fuse	1,000	PC	1
1600	85411110501			glass-case fuse	1,000	PC	1
1610	85411110501			glass-case fuse	1,000	PC	1
1620	85411110508			glass-case fuse	1,000	PC	1
1630	105128750			circuit breaker	1,000	PC	1
1640	106873678			power pack	1,000	PC	9
1650	85121117065			cable lug	1,000	PC	9
1660	105347357			power transformer	1,000	PC	5
1670	85218031012			control line	4,000	M	9
1680	85211030272			cable line	2,000	M	9
1690	106515438			serial terminal	60,000	PC	9
1700	106515689			PE terminal	4,000	PC	9
1710	106516052			serial terminal	2,000	PC	9
1720	106765390			end bracket	1,000	PC	9
1730	106516076			cover	1,000	PC	9
1740	106516076			cover	1,000	PC	9
1750	106516076			cover	1,000	PC	9
1760	106516076			cover	1,000	PC	9
1770	106515438			serial terminal	13,000	PC	9
1780	106515689			PE terminal	7,000	PC	9
1790	106516340			end bracket	1,000	PC	9
1800	106765390			end bracket	1,000	PC	9
1810	106515689			PE terminal	1,000	PC	9
1820	106517031			PE terminal	3,000	PC	9

switchboard  
108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



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switchboard

108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



pos	material	document	version	description	quantity	quantity unit	SPC
1830	106765390			end bracket	1,000	PC	9
1840	106765390			end bracket	1,000	PC	9
1850	107764511			serial terminal	4,000	PC	N
1860	106516076			cover	1,000	PC	9
1870	106516076			cover	1,000	PC	9
1880	106516076			cover	1,000	PC	9
1890	106516076			cover	1,000	PC	9
1900	106516076			cover	1,000	PC	9
1910	106516076			cover	1,000	PC	9
1920	106516076			cover	1,000	PC	9
1930	106516076			cover	1,000	PC	9
1940	106516076			cover	1,000	PC	9
1950	106516076			cover	1,000	PC	9
1960	106515438			serial terminal	3,000	PC	9
1970	106516340			end bracket	1,000	PC	9
1980	106765390			end bracket	1,000	PC	9
1990	106659087			locking clamp	6,000	PC	9
2000	106765390			end bracket	1,000	PC	9
2010	106516340			end bracket	1,000	PC	9
2020	106765390			end bracket	1,000	PC	9
2030	106812504			locking clamp	3,000	PC	9
2040	106515438			serial terminal	6,000	PC	9
2050	106515689			PE terminal	1,000	PC	9
2060	105128755			circuit breaker	1,000	PC	1
2070	107016280			relay	1,000	PC	5
2080	107000423			relay module	1,000	PC	9
2090	107016280			relay	1,000	PC	5
2100	107000423			relay module	1,000	PC	9
2110	107016280			relay	1,000	PC	5
2120	107000423			relay module	1,000	PC	9

switchboard  
108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



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switchboard

108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



pos	material	document	version	description	quantity	quantity unit	SPC
2130	107016280			relay	1,000	PC	5
2140	107000423			relay module	1,000	PC	9
2150	107016280			relay	1,000	PC	5
2160	107000423			relay module	1,000	PC	9
2170	107016280			relay	1,000	PC	5
2180	107000423			relay module	1,000	PC	9
2190	106515438			serial terminal	2,000	PC	9
2200	106516340			end bracket	1,000	PC	9
2210	106002617			starting device	1,000	PC	5
2220	105128803			circuit breaker	1,000	PC	1
2230	105128750			circuit breaker	1,000	PC	1
2240	105606292			clamping piece	1,000	PC	9
2250	105606290			connecting element	1,000	PC	9
2260	107016280			relay	1,000	PC	5
2270	107000423			relay module	1,000	PC	9
2280	106911435			d.c. contactor	1,000	PC	1
2290	106913122			diode erase element	1,000	PC	3
2300	105606292			clamping piece	1,000	PC	9
2310	105606290			connecting element	1,000	PC	9
2320	107466980			frequency converter	1,000	PC	5
2330	107679485			warning sign	1,000	PC	N
2340	105128769			circuit breaker	1,000	PC	9
2350	105606292			clamping piece	1,000	PC	9
2360	105606290			connecting element	1,000	PC	9
2370	85219130003			data line	3,000	M	9
2380	86311191200			ferrite toroidal core	1,000	PC	5
2390	106911435			d.c. contactor	1,000	PC	1
2400	106915287			control switch block	1,000	PC	5
2410	106911435			d.c. contactor	1,000	PC	1
2420	106915287			control switch block	1,000	PC	5

switchboard  
108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



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switchboard

108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



pos	material	document	version	description	quantity	quantity unit	SPC
2430	106910428			d.c. contactor	1,000	PC	5
2440	106915287			control switch block	1,000	PC	5
2450	106910428			d.c. contactor	1,000	PC	5
2460	106915287			control switch block	1,000	PC	5
2470	106913122			diode erase element	1,000	PC	3
2480	106913122			diode erase element	1,000	PC	3
2490	106915211			diode erase element	1,000	PC	3
2500	106915211			diode erase element	1,000	PC	3
2510	106779333			safety circuit module	1,000	PC	5
2520	106779333			safety circuit module	1,000	PC	5
2530	106903717			safety circuit module	1,000	PC	5
2540	106903717			safety circuit module	1,000	PC	5
2550	106903717			safety circuit module	1,000	PC	5
2560	106903717			safety circuit module	1,000	PC	5
2570	106903717			safety circuit module	1,000	PC	5
2580	106773304			cross-connection link	1,000	PC	9
2590	106773304			cross-connection link	1,000	PC	9
2600	106773304			cross-connection link	1,000	PC	9
2610	106903717			safety circuit module	1,000	PC	5
2620	106773304			cross-connection link	1,000	PC	9
2630	106773304			cross-connection link	1,000	PC	9
2640	106773304			cross-connection link	1,000	PC	9
2650	106903717			safety circuit module	1,000	PC	5
2660	106903717			safety circuit module	1,000	PC	5
2670	105884348			glass-case fuse	1,000	PC	1
2680	106911276			d.c. contactor	1,000	PC	1
2690	106910428			d.c. contactor	1,000	PC	5
2700	106915287			control switch block	1,000	PC	5
2710	106911276			d.c. contactor	1,000	PC	1
2720	106911276			d.c. contactor	1,000	PC	1

switchboard  
108372954

packaging machine (RM)\basic machine\switch cabinet\switchboard



keine Zeichnung vorhanden  
no drawing available

**switchboard**

**108372954**

**packaging machine (RM)\basic machine\switch cabinet\switchboard**



pos	material	document	version	description	quantity	quantity unit	SPC
2730	106913122			diode erase element	1,000	PC	3
2740	106915211			diode erase element	1,000	PC	3
2750	106913122			diode erase element	1,000	PC	3
2760	106913122			diode erase element	1,000	PC	3
2770	105128769			circuit breaker	1,000	PC	9
2780	105128769			circuit breaker	1,000	PC	9
2790	107016280			relay	1,000	PC	5
2800	107000423			relay module	1,000	PC	9
2810	107016280			relay	1,000	PC	5
2820	107000423			relay module	1,000	PC	9
2830	107016280			relay	1,000	PC	5
2840	107000423			relay module	1,000	PC	9
2850	105606292			clamping piece	1,000	PC	9
2860	105606290			connecting element	1,000	PC	9
2870	107783612			d.c. contactor	1,000	PC	5
2880	107783641			cover	2,000	PC	9
2890	107813677			diode erase element	1,000	PC	3
2900	106515689			PE terminal	1,000	PC	9
2910	106516340			end bracket	1,000	PC	9

memory module (asm)

107267068

packaging machine (RM)\basic machine\switch cabinet\switchboard\memory module (asm)



keine Zeichnung vorhanden  
no drawing available

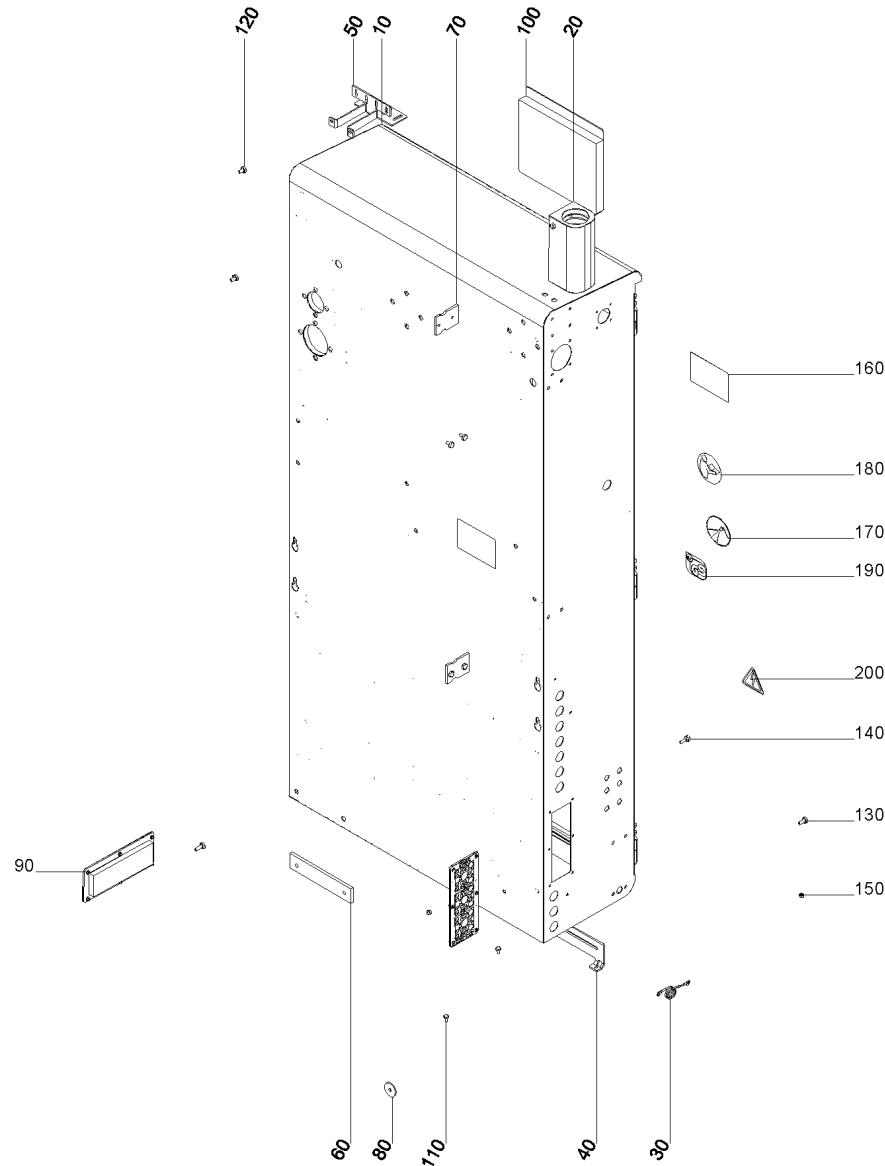
**memory module (asm)****107267068****packaging machine (RM)\basic machine\switch cabinet\switchboard\memory module (asm)**

pos	material	document	version	description	quantity	quantity unit	SPC
10	107165976			instruction manual	1,000	PC	N
20	107159600			USB stick	1,000	PC	9
30	106533722			adhesive splicing pocket	1,000	PC	9
40	81897205102			pouch	1,000	PC	C

switch cabinet

107181352

packaging machine (RM)\basic machine\switch cabinet\switch cabinet



## switch cabinet

107181352

packaging machine (RM)\basic machine\switch cabinet\switch cabinet



pos	material	document	version	description	quantity	quantity unit	SPC
10	107181355	16000386580	0	switch cabinet	1,000	PC	9
20	105888537			mount	1,000	PC	9
30	105181565			connection cable	1,000	PC	9
40	105823100			bracket	1,000	PC	9
50	105785045			bracket	1,000	PC	9
60	105113159			plate	1,000	PC	9
70	105889100			plate	2,000	PC	N
80	105160060			disk	1,000	PC	9
90	106963662			cable fairlead	2,000	PC	9
100	81897201010			circuit diagram bag	1,000	PC	5
110	75001060902			hexagon-head bolt	2,000	PC	9
120	75001080902			hexagon-head bolt	6,000	PC	9
130	75001081102			hexagon-head bolt	1,000	PC	9
140	75001081316			hexagon-head bolt	2,000	PC	9
150	75200000602			hexagon nut	2,000	PC	9
160	105961237			type plate	2,000	PC	9
170	105849219			mandatory-sign	1,000	PC	5
180	105525867			mandatory-sign	1,000	PC	5
190	108255070			mark of conformity	1,000	PC	9
200	105607525			warning sign	1,000	PC	5

switch cabinet  
107181355

packaging machine (RM)\basic machine\switch cabinet\switch cabinet\switch cabinet



keine Zeichnung vorhanden  
no drawing available

**switch cabinet**

**107181355**

**packaging machine (RM)\basic machine\switch cabinet\switch cabinet\switch cabinet**

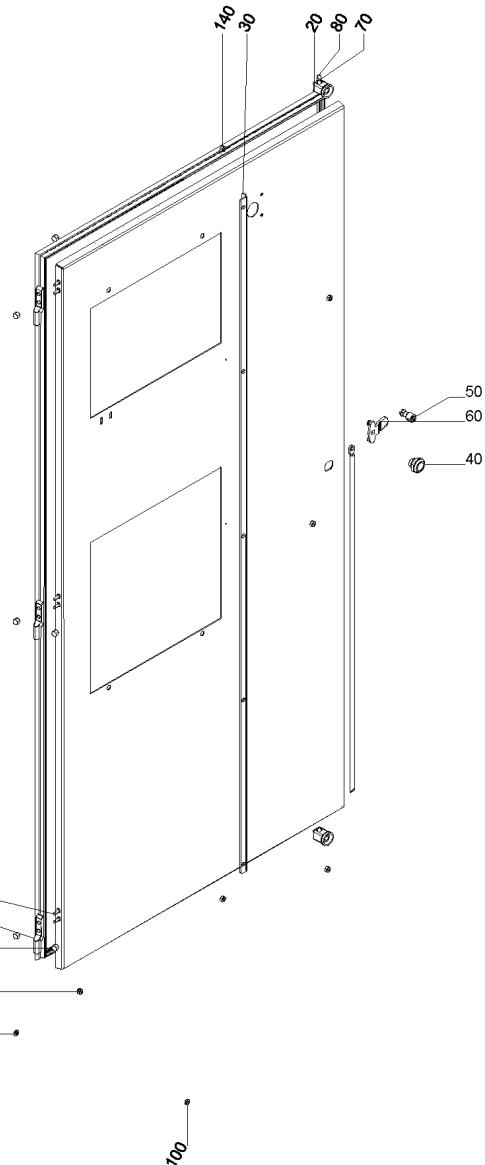


pos	material	document	version	description	quantity	quantity unit	SPC
10	106851782			switch cabinet	1,000	PC	N
20	107181382	16000386502	0	door	1,000	PC	9
30	105889386			plate	1,000	PC	9
40	107866752			hinge	3,000	PC	9
50	107530829			key	1,000	PC	9
60	107777783	16000522874	0	Condensate outlet	1,000	PC	9
70	75059050002			threaded bolt	6,000	PC	9
80	105449186			threaded bolt	1,000	PC	9
90	75059080402			threaded bolt	6,000	PC	9
100	75211010602			disk	7,000	PC	9
110	75001060602			hexagon-head bolt	6,000	PC	9
120	75200050602			hexagon nut	1,000	PC	9
130	75200200602			hexagon nut	1,000	PC	9
140	75211010802			disk	6,000	PC	9
150	75200000802			hexagon nut	6,000	PC	9

door

107181382

packaging machine (RM)\basic machine\switch cabinet\switch cabinet\switch cabinet\door



door

107181382

packaging machine (RM)\basic machine\switch cabinet\switch cabinet\switch cabinet\door

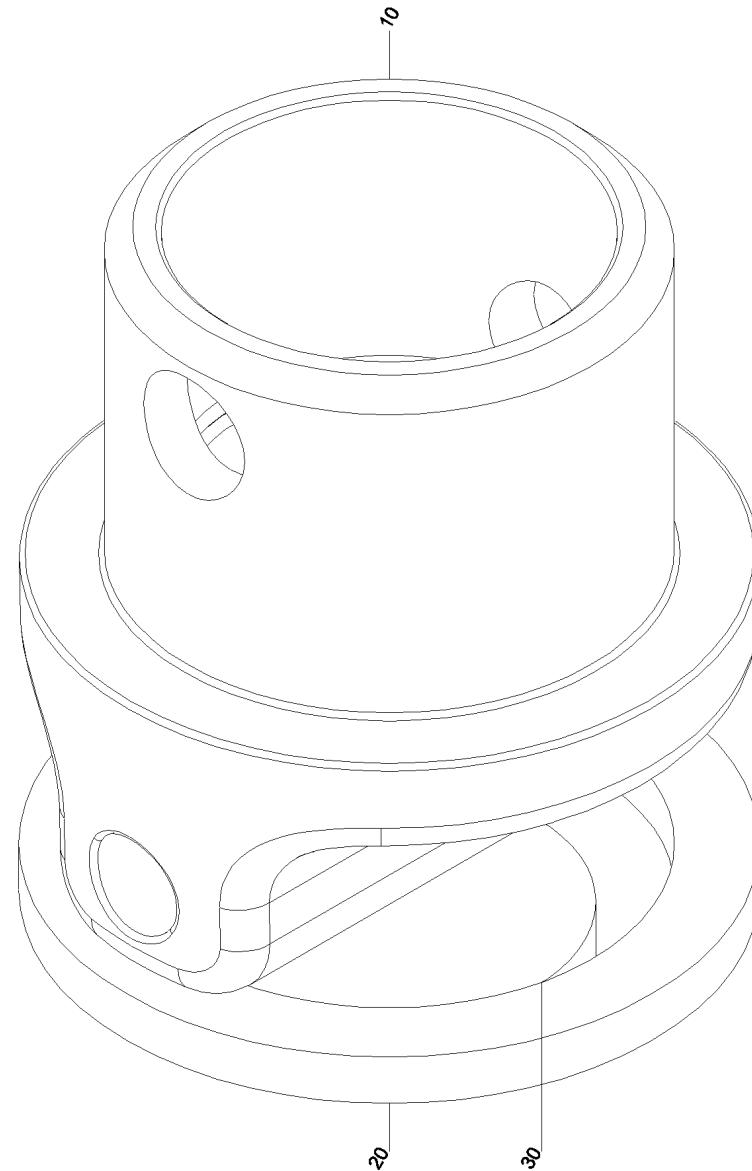


pos	material	document	version	description	quantity	quantity unit	SPC
10	107181388			door	1,000	PC	9
20	107672579			seal	1,000	PC	5
30	106032181			bracket	1,000	PC	9
40	81961591210			housing	1,000	PC	9
50	81961591230			insert	1,000	PC	9
60	106941278			dead bolt	1,000	PC	9
70	81961591190			guide	2,000	PC	9
80	106550929			round rod	2,000	PC	9
90	107866774			screw-down block	3,000	PC	9
100	75200050602			hexagon nut	1,000	PC	9
110	75211010602			disk	1,000	PC	9
120	75200200602			hexagon nut	1,000	PC	9
130	75200300602			cap nut	6,000	PC	9
140	75200000602			hexagon nut	5,000	PC	9

Condensate outlet

107777783

packaging machine (RM)\basic machine\switch cabinet\switch cabinet\switch cabinet\Condensate outlet



**Condensate outlet**

**107777783**

**packaging machine (RM)\basic machine\switch cabinet\switch cabinet\switch cabinet\Condensate outlet**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107605787			housing	1,000	PC	3
20	107616457			seal	1,000	PC	5
30	107541649			filter	1,000	PC	5

mark of conformity  
108255070

packaging machine (RM)\basic machine\switch cabinet\switch cabinet\mark of conformity



keine Zeichnung vorhanden  
no drawing available

**mark of conformity**

**108255070**

**packaging machine (RM)\basic machine\switch cabinet\switch cabinet\mark of conformity**

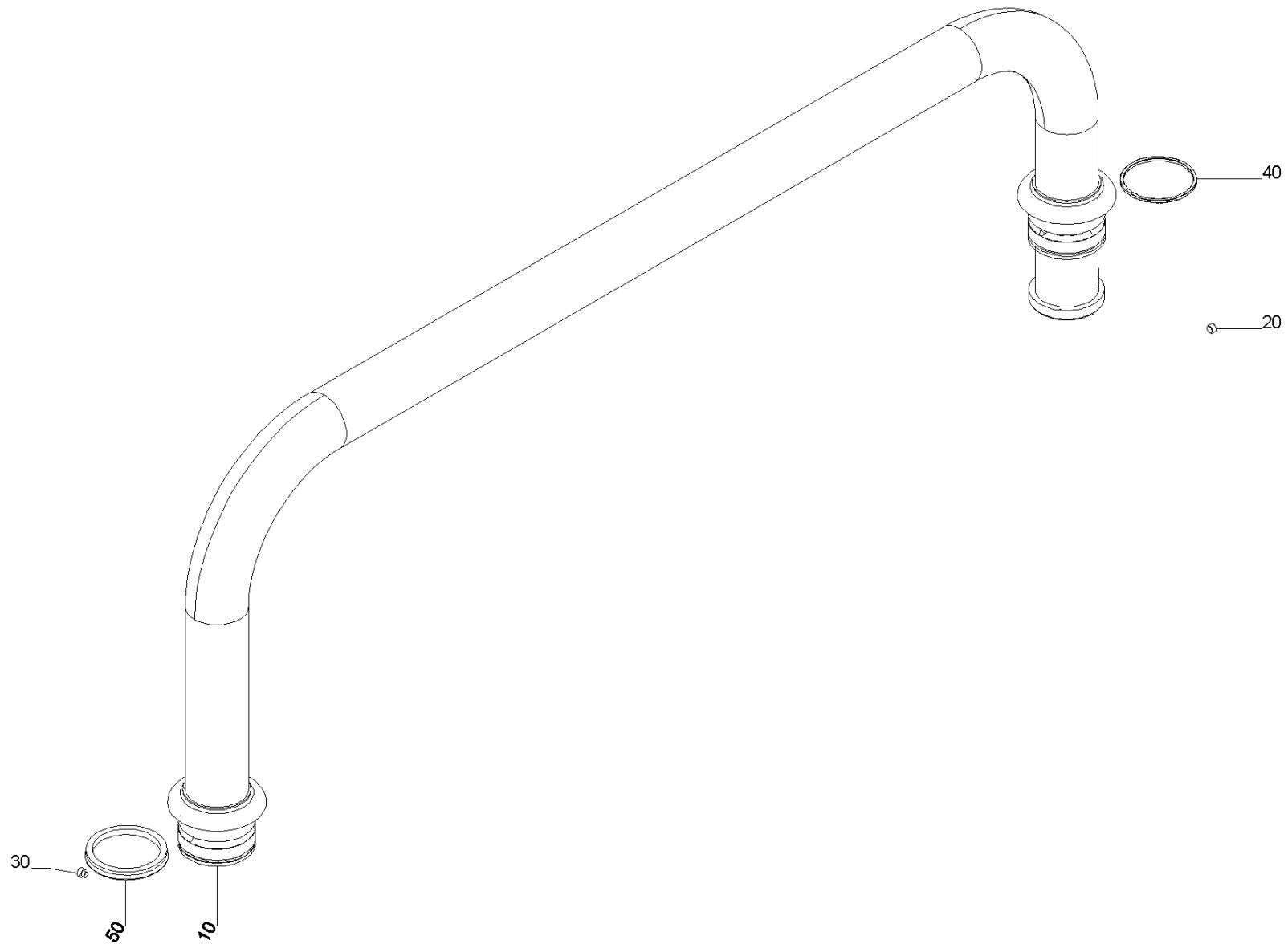


pos	material	document	version	description	quantity	quantity unit	SPC
10	106932217			signpost	1,000	PC	9
20	106961126			thermal transfer ribbon	1,000	PC	N

operating terminal

107482274

packaging machine (RM)\basic machine\switch cabinet\operating terminal



**operating terminal**

**107482274**

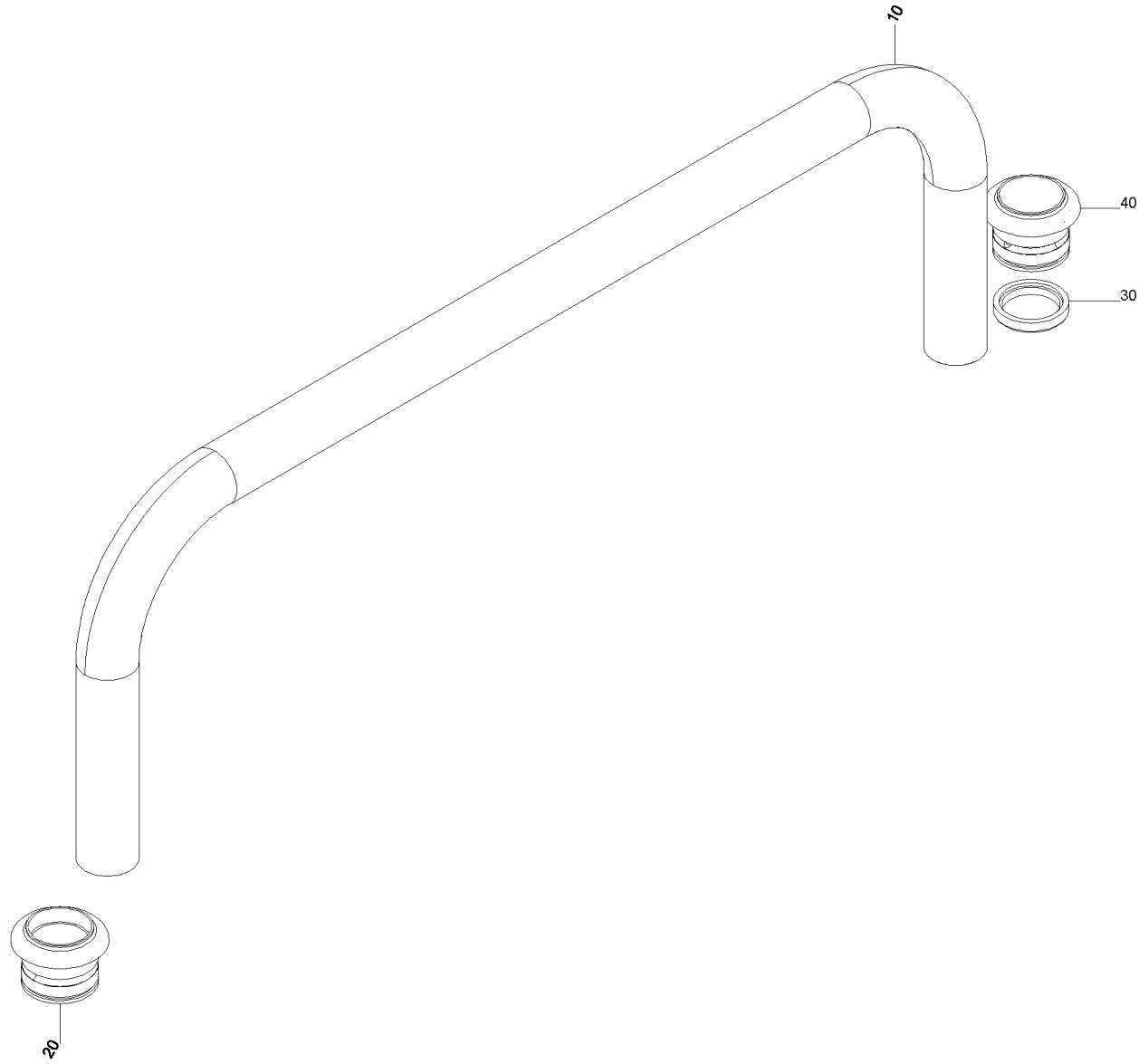
**packaging machine (RM)\basic machine\switch cabinet\operating terminal**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107482271	16000453915	0	cross pipe	1,000	PC	9
20	105286665			X gasket	4,000	PC	9
30	105228875			V seal ring	2,000	PC	1
40	107763453			grease	0,010	PC	C

cross pipe  
107482271

packaging machine (RM)\basic machine\switch cabinet\operating terminal\cross pipe



**cross pipe**

**107482271**

**packaging machine (RM)\basic machine\switch cabinet\operating terminal\cross pipe**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105892750			pipe	1,000	PC	9
20	105228807			flange	1,000	PC	9
30	105888621			flange	1,000	PC	9
40	105889296			flange	1,000	PC	9
50	105889334			stud	1,000	PC	9
60	101843093			stud	1,000	PC	9

pneumatics  
108372960

packaging machine (RM)\basic machine\pneumatics



keine Zeichnung vorhanden  
no drawing available

pneumatics

108372960

packaging machine (RM)\basic machine\pneumatics



pos	material	document	version	description	quantity	quantity unit	SPC
10	108373289			basic machine	1,000	PC	9
20	108373290			forming	1,000	PC	9
30	108373351			sealing	1,000	PC	9
40	108371699			to print	1,000	PC	N
50	108373352			cutting	1,000	PC	N
60	108373353			pack	1,000	PC	N

**basic machine**  
**108373289**

packaging machine (RM)\basic machine\pneumatics\basic machine



keine Zeichnung vorhanden  
no drawing available

**basic machine**

**108373289**

**packaging machine (RM)\basic machine\pneumatics\basic machine**

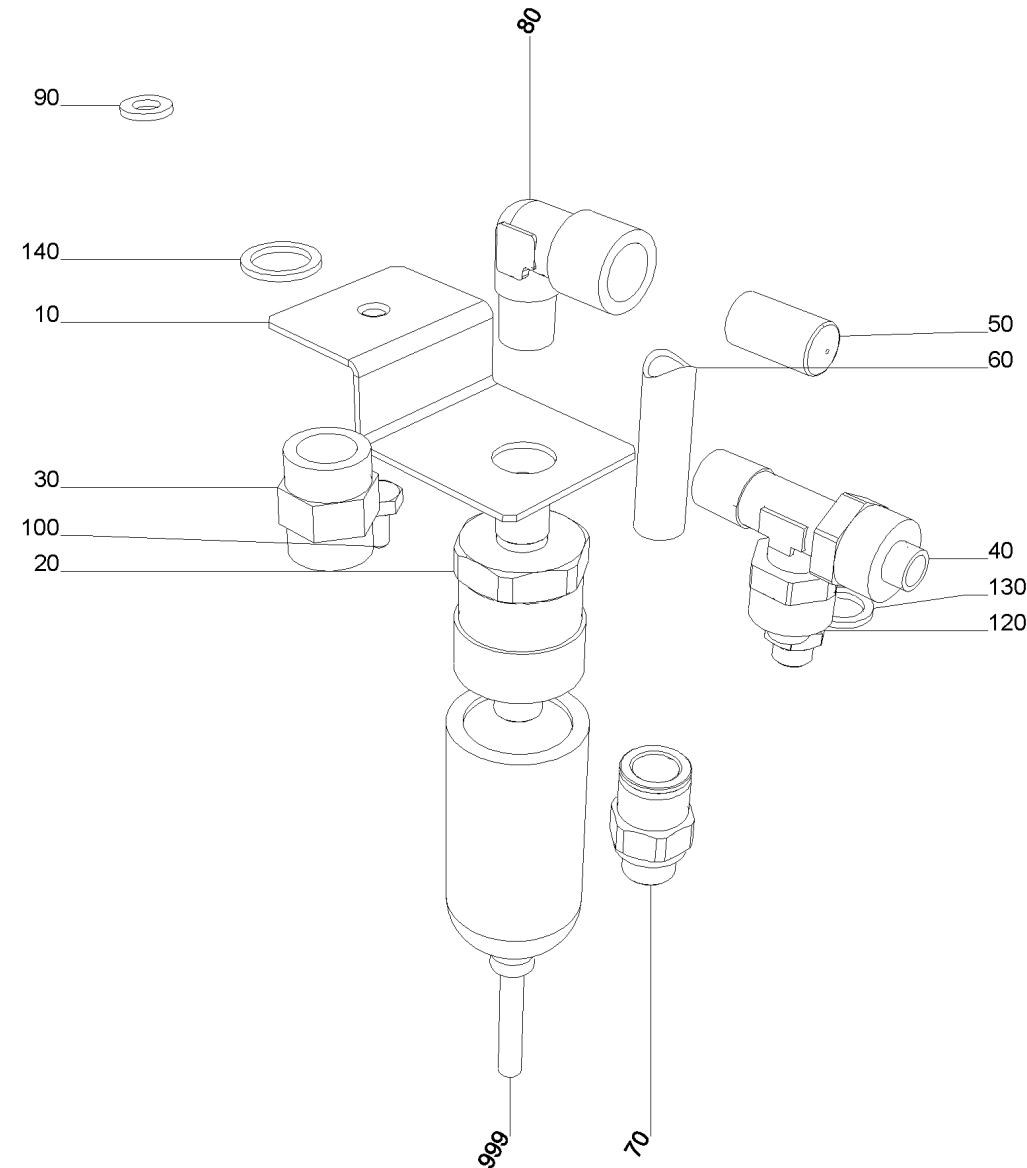


pos	material	document	version	description	quantity	quantity unit	SPC
10	105946450	16000091809	B	vacuum measuring system	1,000	PC	9
20	105704058	16000072645	B	water return line	1,000	PC	9
30	108077576	16000587766	0	Activated carbon filter	1,000	PC	9
40	11681205500	16000155273	B	water circuit	1,000	PC	9
50	105949689	16000105576	A	main air pressure valve	1,000	PC	N
60	105368026	16000052120	C	water valve	1,000	PC	9
70	105643865	16000052137	B	flow meter	1,000	PC	9
80	11681217203	16000158672	C	intermediary	1,000	PC	9
90	108163478	16000607822	B	maintenance unit	1,000	PC	9
100	11581002405	16000010430	0	pneumatic control	1,000	PC	N
110	105614346	101835620	0	pneumatic control	1,000	PC	9
120	105813589			distributor	1,000	PC	9
130	106048703			pneumatic control	1,000	PC	N
140	11681205700	16000010430	0	water return line	1,000	PC	9
150	107226212			hose set	1,000	PC	N

vacuum measuring system

105946450

packaging machine (RM)\basic machine\pneumatics\basic machine\vacuum measuring system



## vacuum measuring system

105946450

packaging machine (RM)\basic machine\pneumatics\basic machine\vacuum measuring system

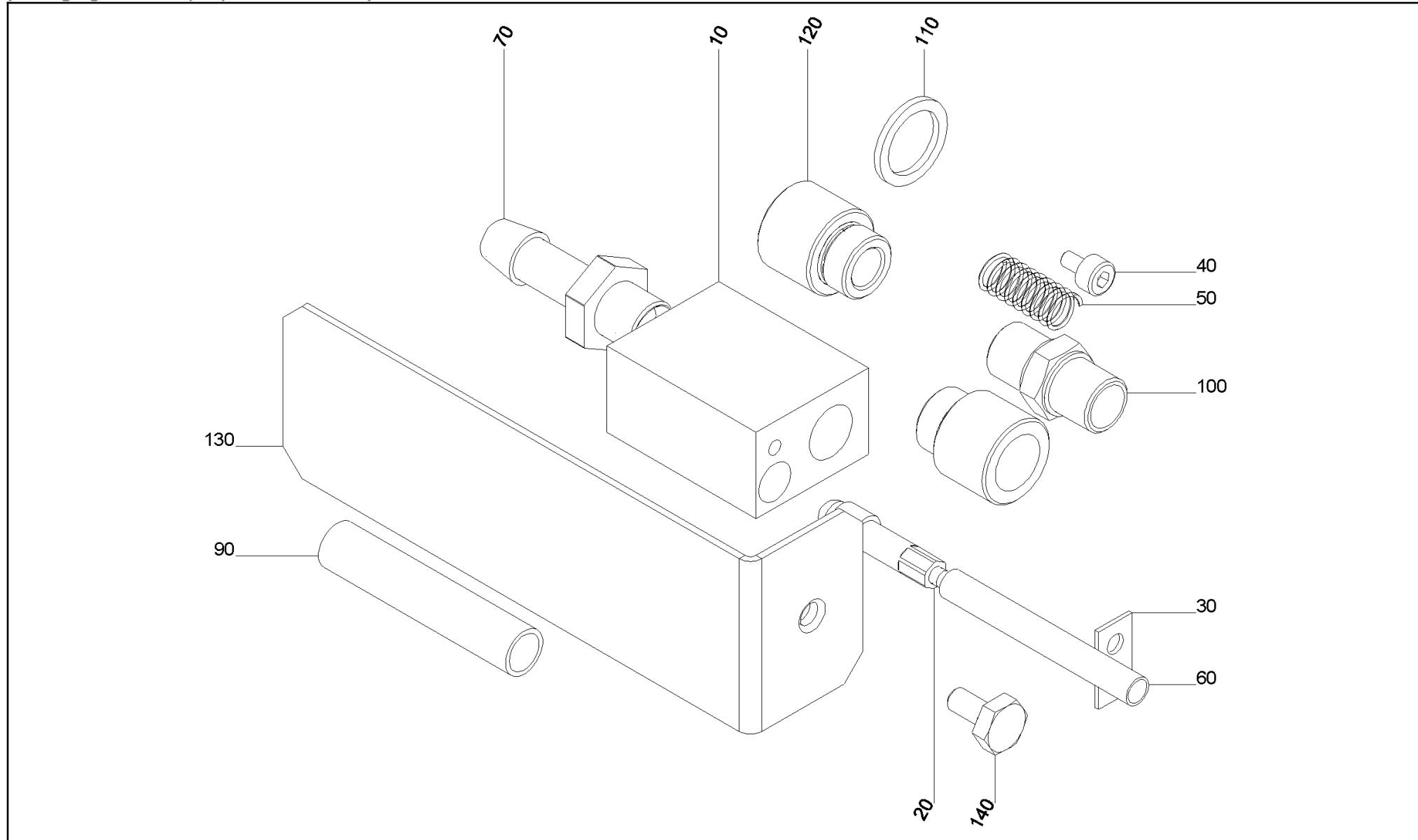


pos	material	document	version	description	quantity	quantity unit	SPC
10	105936464			bracket	1,000	PC	9
20	106603567			pressure transducer	1,000	PC	5
30	81141807803			muffle	1,000	PC	9
40	81141803811			screw fitting	1,000	PC	9
50	107920626			cover flap	1,000	PC	9
60	81811251083			pa tube	2,000	M	9
70	81141840109			threaded coupling	1,000	PC	9
80	81141808202			bracket	1,000	PC	9
90	75211010602			disk	1,000	PC	9
100	75001060802			hexagon-head bolt	1,000	PC	9
120	75206091200			screw plug	1,000	PC	9
130	81141806522			sealing ring	1,000	PC	9
140	81141806523			sealing ring	1,000	PC	9
999	106498292			connection cable	1,000	PC	5

water return line  
105704058



packaging machine (RM)\basic machine\pneumatics\basic machine\water return line



water return line

105704058

packaging machine (RM)\basic machine\pneumatics\basic machine\water return line

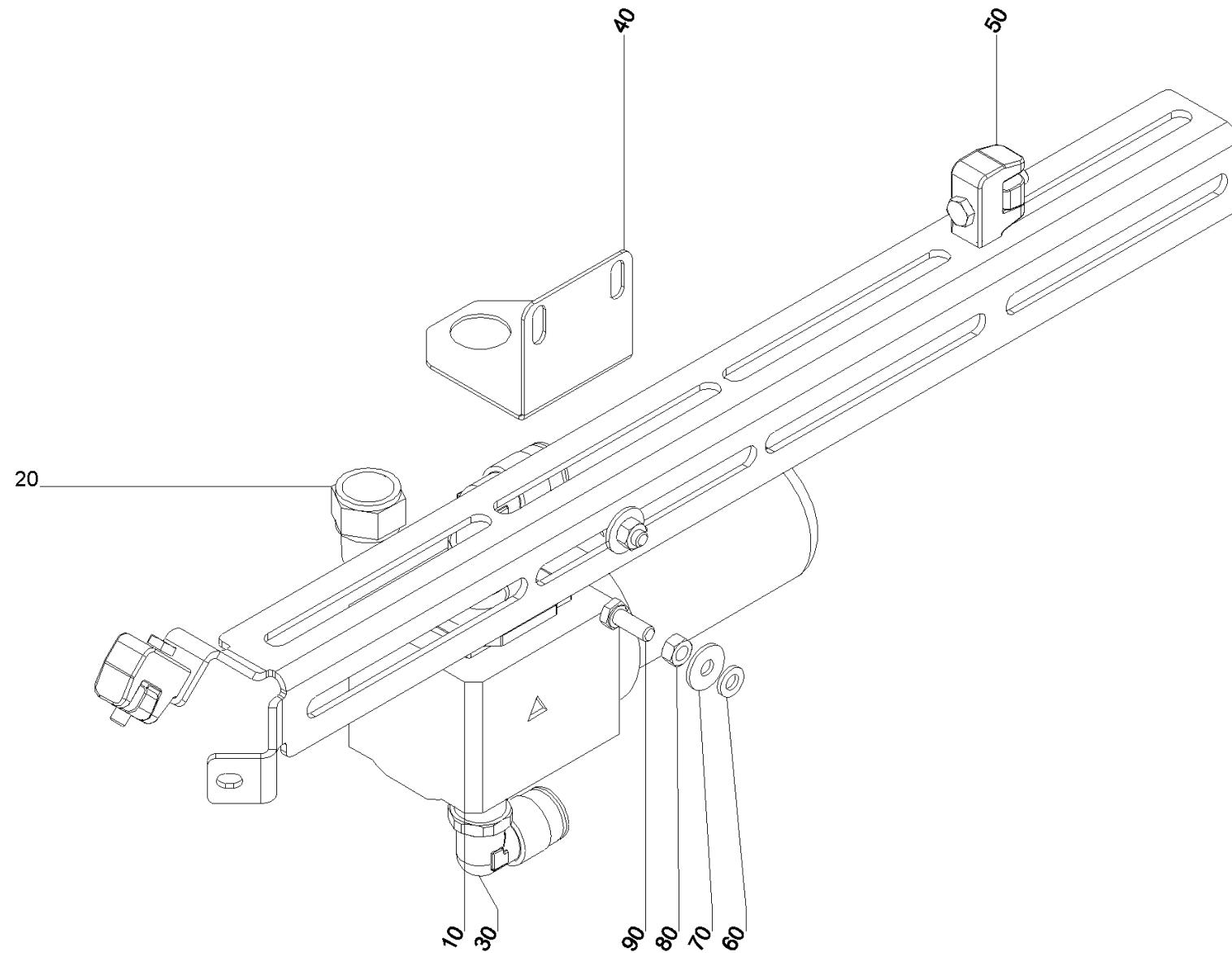


pos	material	document	version	description	quantity	quantity unit	SPC
10	11586969800			block	1,000	PC	9
20	105540031			temperature probe	1,000	PC	5
30	11450889000			lug	1,000	PC	5
40	75010040402			cylindrical screw	1,000	PC	9
50	19781080810			pressure spring	1,000	PC	5
60	85145120200			silicon hose	2,000	M	9
70	81141211103			threaded socket	1,000	PC	9
90	81811251082			pa tube	20,000	M	9
100	81141192202			barrel nipple	1,000	PC	9
110	81141806523			sealing ring	1,000	PC	9
120	107235565			female connector	2,000	PC	9
130	107636920			bracket	1,000	PC	9
140	75001060816			hexagon-head bolt	1,000	PC	9

**Activated carbon filter**

**108077576**

**packaging machine (RM)\basic machine\pneumatics\basic machine\Activated carbon filter**



**Activated carbon filter****108077576**

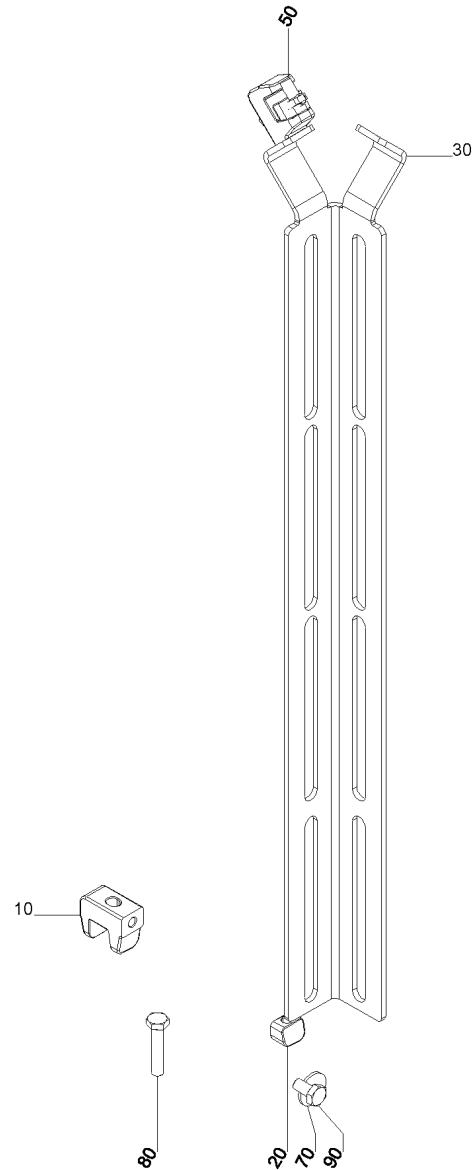
packaging machine (RM)\basic machine\pneumatics\basic machine\Activated carbon filter



pos	material	document	version	description	quantity	quantity unit	SPC
10	108075252			air filter	1,000	PC	3
20	81141807410			reducing nipple	1,000	PC	9
30	81141840615			threaded coupling	2,000	PC	9
40	108077112			bracket	1,000	PC	9
50	105753336	16000062707	D	mount	1,000	PC	9
60	75211010602			disk	2,000	PC	9
70	75211030602			disk	2,000	PC	9
80	75200000602			hexagon nut	2,000	PC	9
90	75001061102			hexagon-head bolt	2,000	PC	9

mount  
105753336

packaging machine (RM)\basic machine\pneumatics\basic machine\Activated carbon filter\mount



mount

105753336

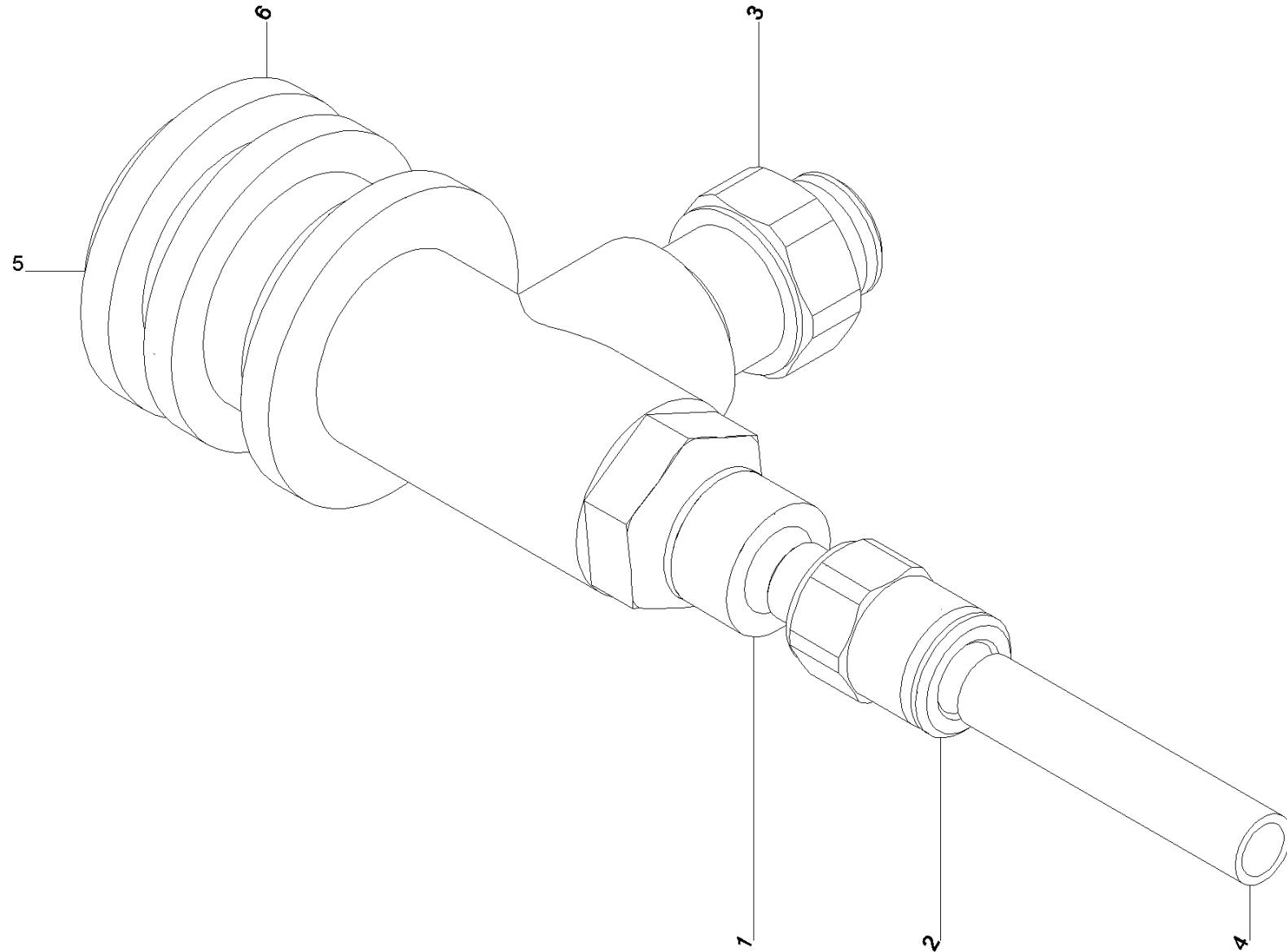
packaging machine (RM)\basic machine\pneumatics\basic machine\Activated carbon filter\mount



pos	material	document	version	description	quantity	quantity unit	SPC
10	105556402			mount	2,000	PC	9
20	105556472			mount	2,000	PC	9
30	105753337			mount	1,000	PC	9
50	75001060802			hexagon-head bolt	1,000	PC	9
70	75211030602			disk	1,000	PC	9
80	75001061702			hexagon-head bolt	2,000	PC	9
90	75001060916			hexagon-head bolt	1,000	PC	9

water circuit  
11681205500

packaging machine (RM)\basic machine\pneumatics\basic machine\water circuit



water circuit  
11681205500

packaging machine (RM)\basic machine\pneumatics\basic machine\water circuit

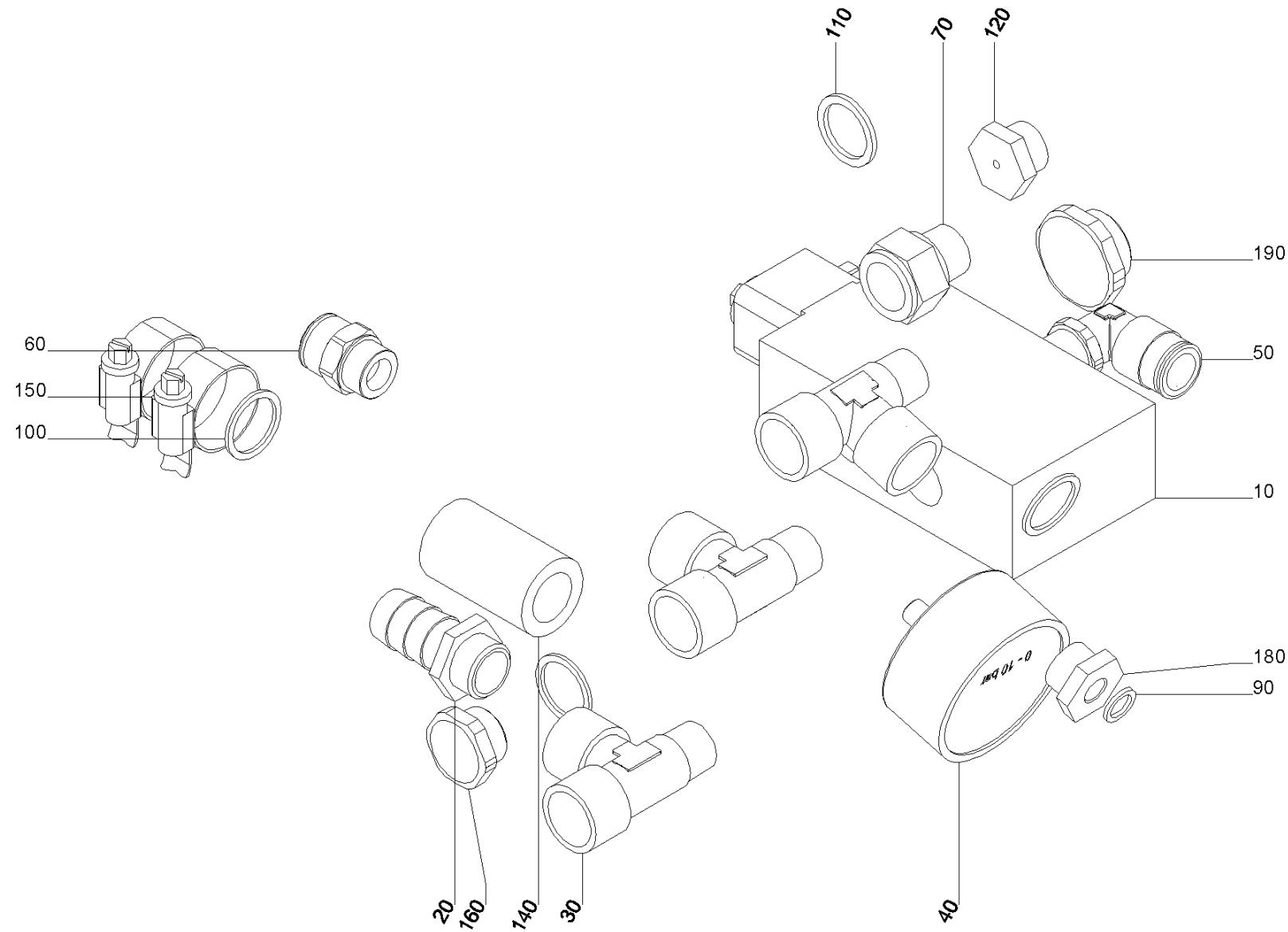


pos	material	document	version	description	quantity	quantity unit	SPC
1	80255482001			2/2 valve	1,000	PC	3
2	81141840106			threaded coupling	1,000	PC	9
3	81141840108			threaded coupling	1,000	PC	9
4	81811251304			pa tube	1,000	M	9
5	78301024300			o-ring	1,000	PC	1
6	80255489000			knurled nut	1,000	PC	9

main air pressure valve

105949689

packaging machine (RM)\basic machine\pneumatics\basic machine\main air pressure valve



**main air pressure valve**

**105949689**

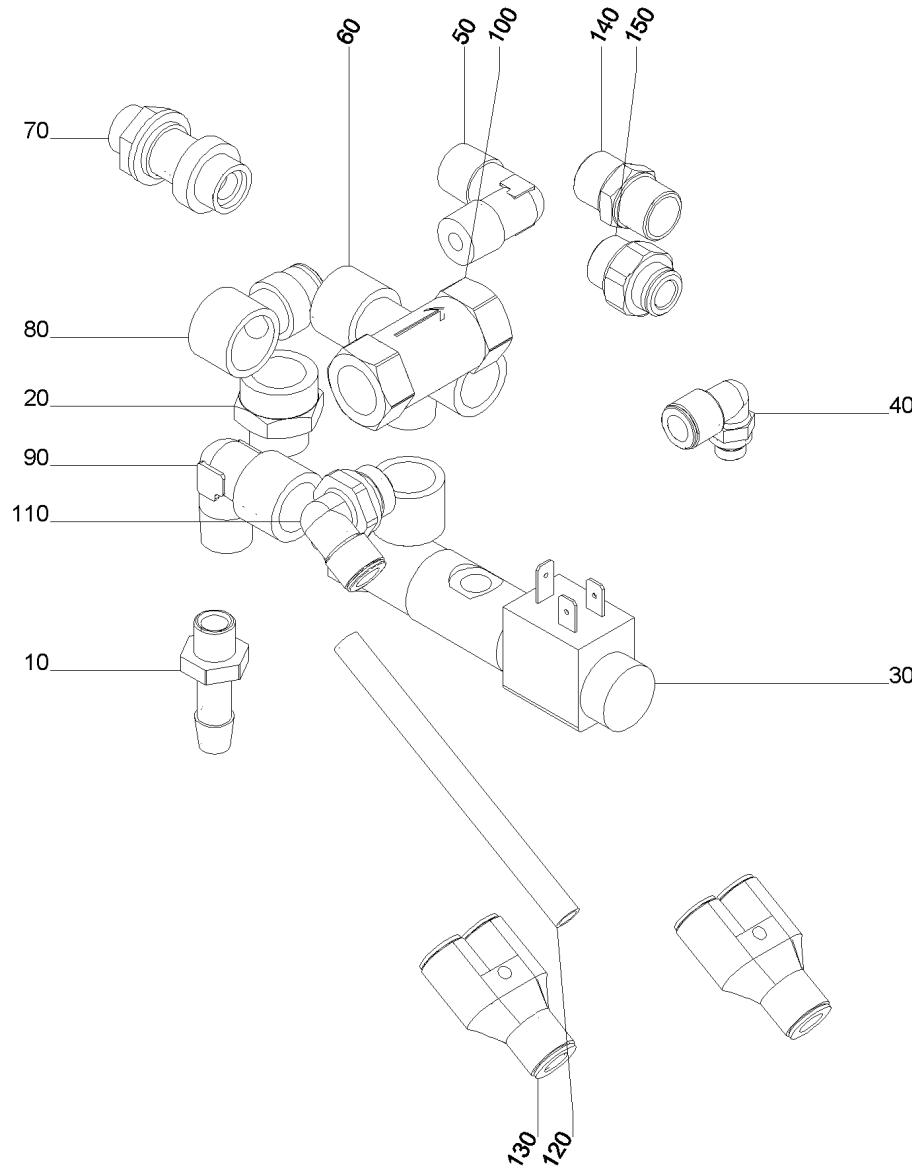
**packaging machine (RM)\basic machine\pneumatics\basic machine\main air pressure valve**



pos	material	document	version	description	quantity	quantity unit	SPC
10	80260224023			3/2 valve	1,000	PC	3
20	19101109000			threaded socket	1,000	PC	9
30	81141808604			T-piece	3,000	PC	9
40	80431151080			manometer	1,000	PC	5
50	81141840615			threaded coupling	1,000	PC	9
60	81141840116			threaded coupling	1,000	PC	9
70	81141807410			reducing nipple	1,000	PC	9
90	81141806522			sealing ring	1,000	PC	9
100	81141806525			sealing ring	3,000	PC	9
110	75290002101			sealing ring	1,000	PC	1
120	19139201021			screw plug	1,000	PC	9
140	106857997			hose	2,000	M	9
150	81190112301			hose band clip	2,000	PC	9
160	107606310			screw plug	1,000	PC	9
180	81141807704			reducing nipple	1,000	PC	9
190	101686920			screw plug	1,000	PC	9

water valve  
105368026

packaging machine (RM)\basic machine\pneumatics\basic machine\water valve



**water valve**

**105368026**

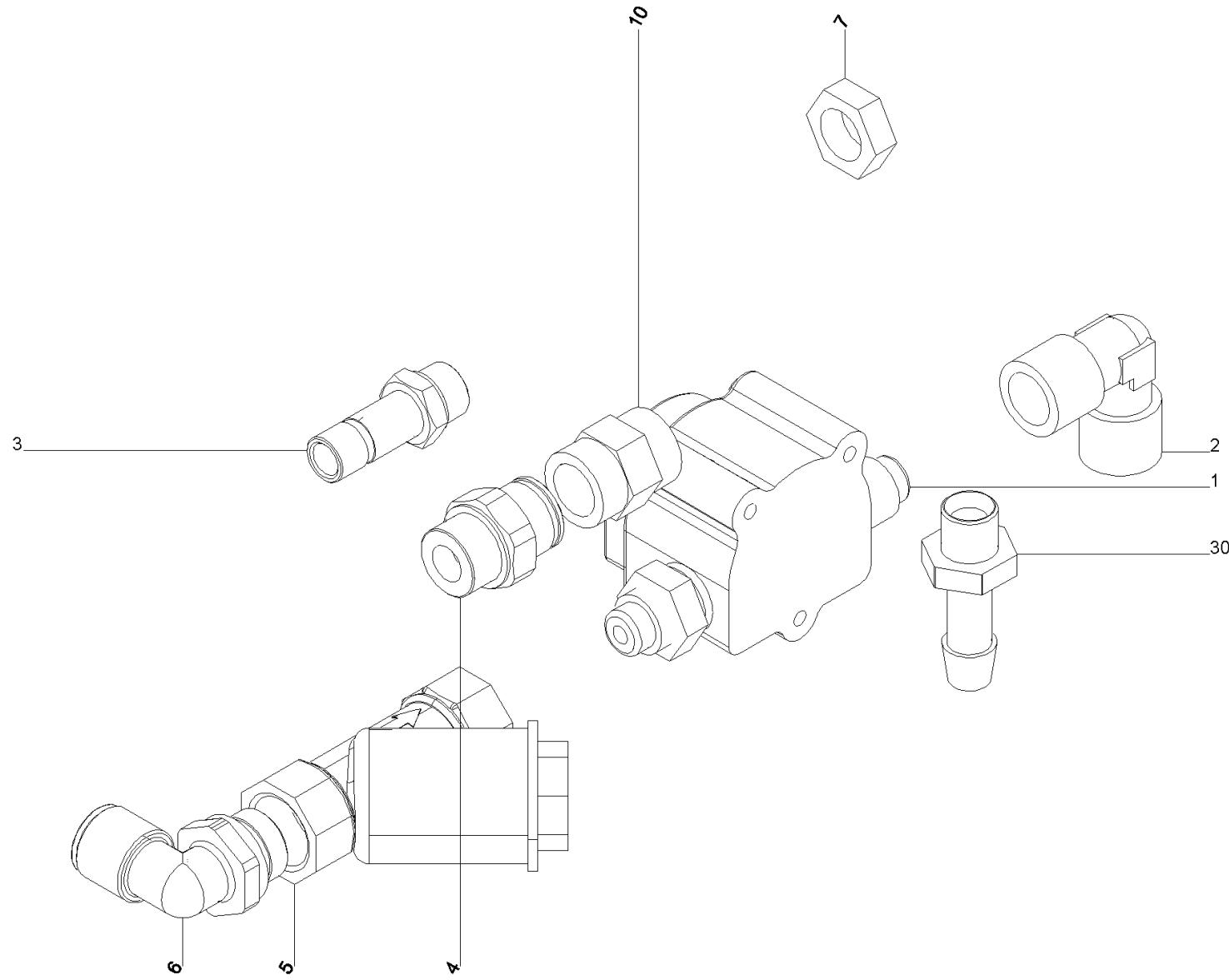
**packaging machine (RM)\basic machine\pneumatics\basic machine\water valve**



pos	material	document	version	description	quantity	quantity unit	SPC
10	81141211103			threaded socket	1,000	PC	9
20	81141807905			reducer bell	1,000	PC	9
30	105302163			2/2 valve	1,000	PC	3
40	105534015			threaded coupling	1,000	PC	9
50	81141809202			bracket	1,000	PC	9
60	81141808503			T-piece	1,000	PC	9
70	80271111003			throttle valve	1,000	PC	3
80	81141844011			swivel ring	1,000	PC	9
90	81141808203			bracket	1,000	PC	9
100	80272111410			check valve	1,000	PC	5
110	105534026			threaded coupling	1,000	PC	9
120	81811251304			pa tube	2,000	M	9
130	81141842102			threaded coupling	2,000	PC	9
140	81141192203			barrel nipple	1,000	PC	9
150	81141840108			threaded coupling	1,000	PC	9

flow meter  
105643865

packaging machine (RM)\basic machine\pneumatics\basic machine\flow meter



flow meter

105643865

packaging machine (RM)\basic machine\pneumatics\basic machine\flow meter

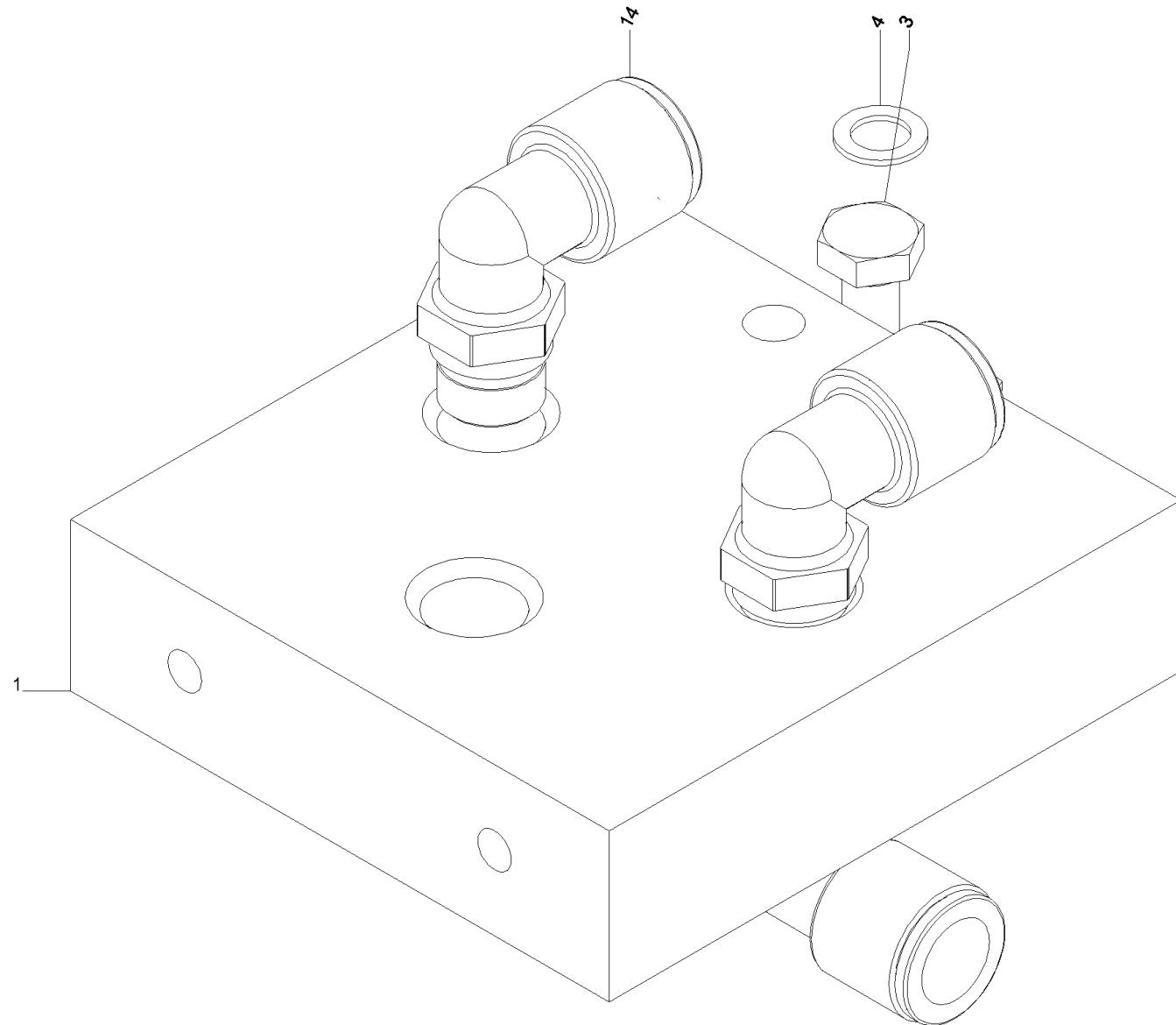


pos	material	document	version	description	quantity	quantity unit	SPC
1	80431320102			flow meter	1,000	PC	5
2	81141808302			bracket	1,000	PC	9
3	81141839409			threaded coupling	1,000	PC	9
4	81141840110			threaded coupling	1,000	PC	9
5	80272200000			dirt trap	1,000	PC	5
6	105534010			threaded coupling	1,000	PC	9
7	19131101330			hexagon nut	2,000	PC	9
10	81141807803			muffle	1,000	PC	9
30	81141211103			threaded socket	1,000	PC	9

intermediary  
11681217203



packaging machine (RM)\basic machine\pneumatics\basic machine\intermediary



intermediary

11681217203

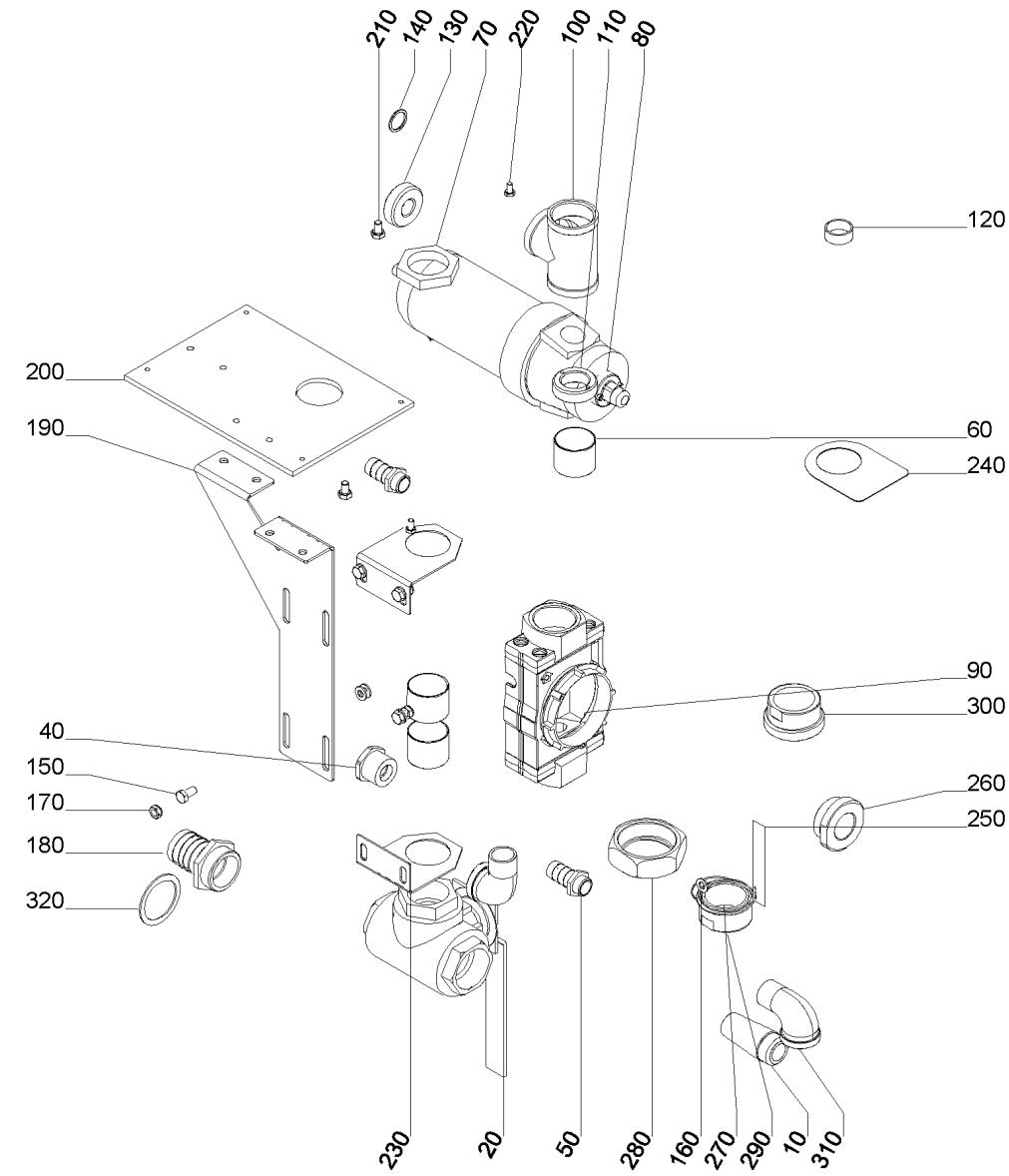
packaging machine (RM)\basic machine\pneumatics\basic machine\intermediary



pos	material	document	version	description	quantity	quantity unit	SPC
1	11681251401			intermediary	1,000	PC	9
3	75001061702			hexagon-head bolt	2,000	PC	9
4	75210070602			thrust washer	2,000	PC	9
14	107009152			threaded coupling	4,000	PC	9

maintenance unit  
108163478

packaging machine (RM)\basic machine\pneumatics\basic machine\maintenance unit



maintenance unit

108163478

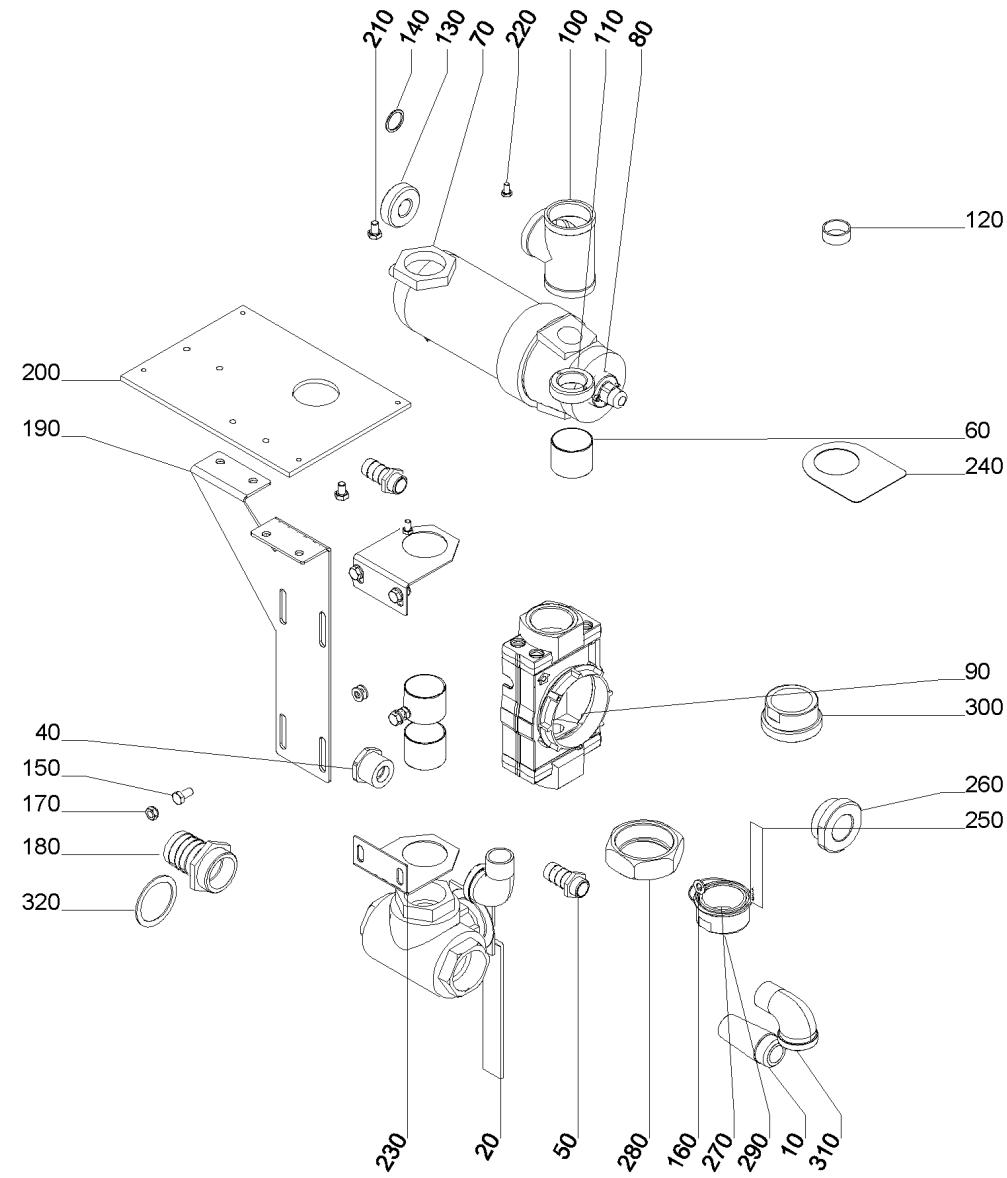
packaging machine (RM)\basic machine\pneumatics\basic machine\maintenance unit



pos	material	document	version	description	quantity	quantity unit	SPC
10	80291114300			sound absorber	1,000	PC	3
20	105951601			ball valve	1,000	PC	9
40	81141807655			reducing nipple	1,000	PC	9
50	19101109000			threaded socket	2,000	PC	9
60	81182220008			tube nipple	3,000	PC	9
70	19131101370			screw nut	1,000	PC	9
80	108160284			air filter	1,000	PC	3
90	108160396			connecting flange	1,000	PC	3
100	81151311108			T-piece	1,000	PC	9
110	11581937410			threaded ring	1,000	PC	9
120	11581937493			threaded ring	1,000	PC	9
130	11581937494			threaded ring	1,000	PC	9
140	81141806525			sealing ring	1,000	PC	9
150	75001081102			hexagon-head bolt	4,000	PC	9
160	75211010802			disk	8,000	PC	9
170	75200200802			hexagon nut	4,000	PC	9
180	19101109102			threaded socket	1,000	PC	9
190	105840958			bracket	1,000	PC	9
200	105841170			sheet	1,000	PC	N
210	75001080902			hexagon-head bolt	4,000	PC	9
220	75001060802			hexagon-head bolt	4,000	PC	9
230	108163572			bracket	2,000	PC	9
240	108163122			sheet	1,000	PC	N
250	106764381			signpost	1,000	PC	9
260	19117401078			reducing nipple	2,000	PC	9
270	78301050300			o-ring	1,000	PC	1
280	81155211071			union nut	1,000	PC	9
290	81155211051			insert piece	1,000	PC	9
300	81155211031			screw-in element	1,000	PC	9
310	81151211606			bracket	2,000	PC	9

maintenance unit  
108163478

packaging machine (RM)\basic machine\pneumatics\basic machine\maintenance unit



**maintenance unit**

**108163478**

**packaging machine (RM)\basic machine\pneumatics\basic machine\maintenance unit**



pos	material	document	version	description	quantity	quantity unit	SPC
320	108289161			disk	1,000	PC	9

pneumatic control

11581002405

packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control



keine Zeichnung vorhanden  
no drawing available

pneumatic control

11581002405

packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control



pos	material	document	version	description	quantity	quantity unit	SPC
1	81141842102			threaded coupling	1,000	PC	9
2	81811251304			pa tube	6,000	M	9

pneumatic control

105614346

packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control



keine Zeichnung vorhanden  
no drawing available

pneumatic control

105614346

packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control



pos	material	document	version	description	quantity	quantity unit	SPC
10	105436737	101835620	0	solenoid valve	1,000	PC	9
20	81141839003			cap plug	1,000	PC	9
30	81811251304			pa tube	3,000	M	9
40	81141842402			threaded coupling	1,000	PC	9

solenoid valve

105436737

packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control\solenoid valve



keine Zeichnung vorhanden  
no drawing available

**solenoid valve**

**105436737**

**packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control\solenoid valve**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105401183			valve 2x3/2	1,000	PC	3
20	105399475			passage plate	1,000	PC	3
30	105402075			valve cover	1,000	PC	3
40	105410831			tie bolt	1,000	PC	9
50	106220480			barring piece	3,000	PC	9
60	105564660			seal	1,000	PC	9
70	105564659			seal	1,000	PC	9

pneumatic control  
106048703

packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control



keine Zeichnung vorhanden  
no drawing available

pneumatic control

106048703

packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control



pos	material	document	version	description	quantity	quantity unit	SPC
10	105436705			solenoid valve	1,000	PC	9
20	81141839004			cap plug	2,000	PC	9
30	81811251083			pa tube	2,000	M	9
40	105861889	16000092832	0	pressure regulator	1,000	PC	9
50	81141839908			reduction piece	2,000	PC	9
60	81141839905			reduction piece	2,000	PC	9
70	81141842606			threaded coupling	1,000	PC	9
80	81141839911			reduction piece	1,000	PC	9

solenoid valve

105436705

packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control\solenoid valve



keine Zeichnung vorhanden  
no drawing available

**solenoid valve**

**105436705**

**packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control\solenoid valve**

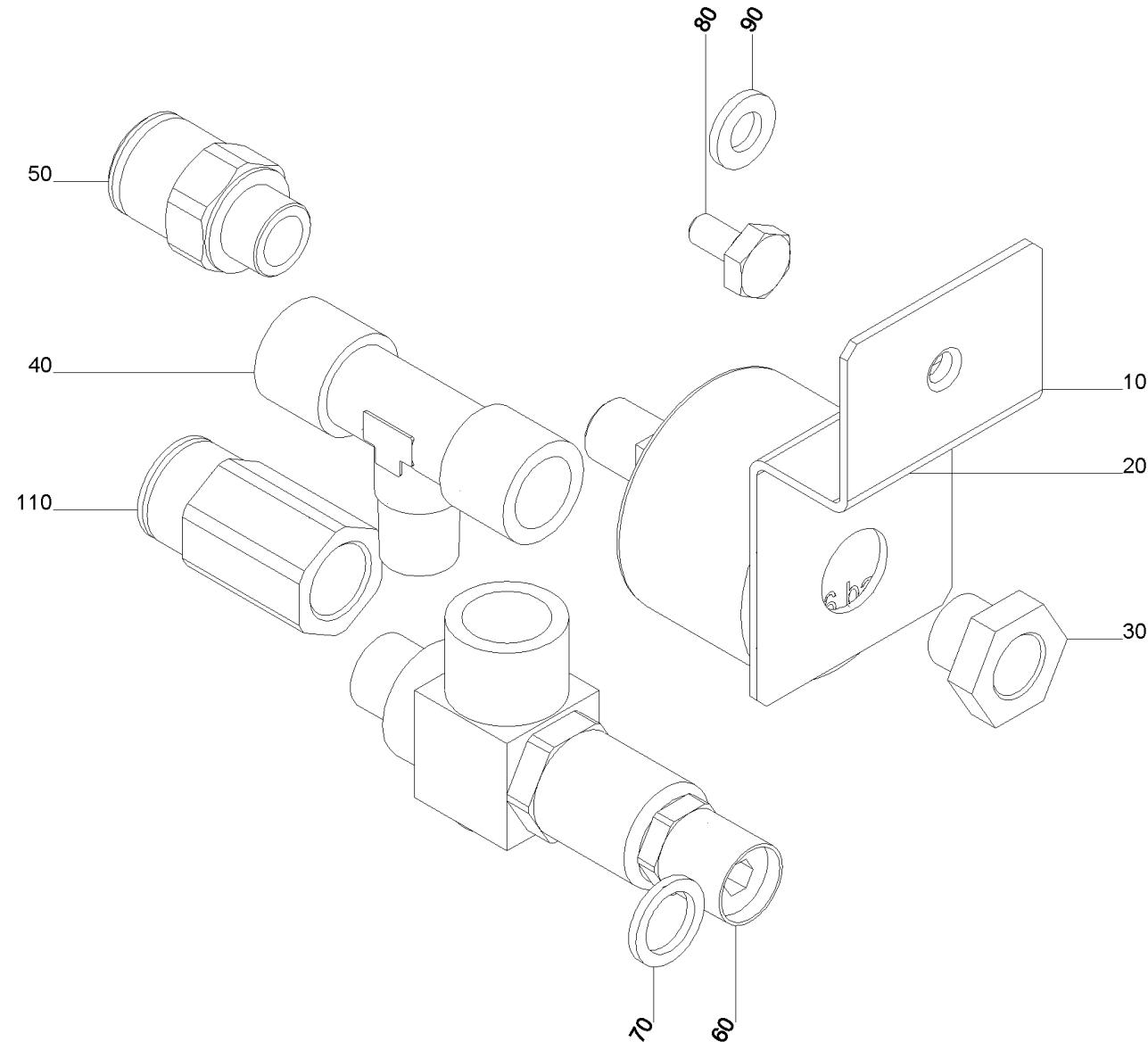


pos	material	document	version	description	quantity	quantity unit	SPC
10	105399468			5/2 valve	1,000	PC	3
20	105399471			passage plate	1,000	PC	3
30	107528359			valve cover	1,000	PC	3
40	106220480			barring piece	3,000	PC	9
50	105566827			tie bolt	1,000	PC	9
60	105564661			seal	1,000	PC	9
70	105564660			seal	1,000	PC	9

pressure regulator  
105861889



packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control\pressure regulator



**pressure regulator**

**105861889**

**packaging machine (RM)\basic machine\pneumatics\basic machine\pneumatic control\pressure regulator**



pos	material	document	version	description	quantity	quantity unit	SPC
10	105936464			bracket	1,000	PC	9
20	80431151210			manometer	1,000	PC	5
30	81141807702			reducing nipple	1,000	PC	9
40	81141808502			T-piece	1,000	PC	9
50	81141840109			threaded coupling	1,000	PC	9
60	105474746			pressure regulator	1,000	PC	3
70	81141806522			sealing ring	1,000	PC	9
80	75001060802			hexagon-head bolt	1,000	PC	9
90	75211010602			disk	1,000	PC	9
110	81141840308			threaded coupling	1,000	PC	9

water return line  
11681205700

packaging machine (RM)\basic machine\pneumatics\basic machine\water return line



keine Zeichnung vorhanden  
no drawing available

**water return line**

**11681205700**

**packaging machine (RM)\basic machine\pneumatics\basic machine\water return line**



pos	material	document	version	description	quantity	quantity unit	SPC
1	81141211103			threaded socket	1,000	PC	9
2	81141840308			threaded coupling	1,000	PC	9
3	81811251082			pa tube	15,000	M	9

hose set  
107226212

packaging machine (RM)\basic machine\pneumatics\basic machine\hose set



keine Zeichnung vorhanden  
no drawing available

**hose set**

**107226212**

**packaging machine (RM)\basic machine\pneumatics\basic machine\hose set**



pos	material	document	version	description	quantity	quantity unit	SPC
10	106549361			PUR hose	6,000	M	9
20	106549339			PUR hose	8,000	M	9
30	106112246			PUR hose	3,000	M	9

forming  
108373290

packaging machine (RM)\basic machine\pneumatics\forming



keine Zeichnung vorhanden  
no drawing available

forming  
108373290



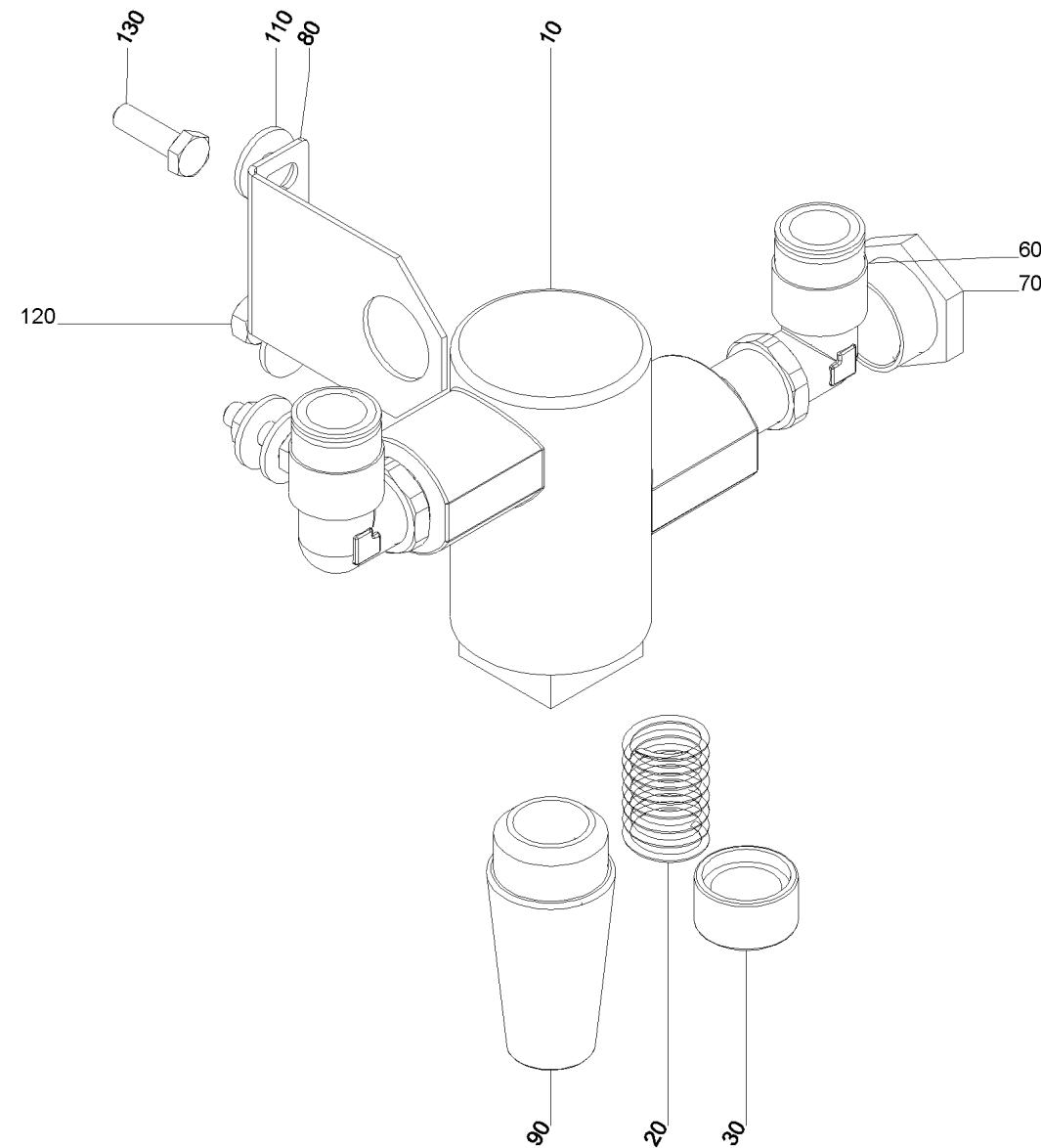
packaging machine (RM)\basic machine\pneumatics\forming

pos	material	document	version	description	quantity	quantity unit	SPC
10	107472596	16000451901	A	quick-exhaust	1,000	PC	9
20	11681009022	16000274275	B	vacuum measuring system	1,000	PC	9
30	107472596	16000451901	A	quick-exhaust	1,000	PC	9
40	11681007558			pump	1,000	PC	9
50	105972493	16000010430	0	discharged air	1,000	PC	9
60	105972493	16000010430	0	discharged air	1,000	PC	9
70	105972493	16000010430	0	discharged air	1,000	PC	9
80	105833242	16000010430	0	main control aggregate	1,000	PC	9
90	106534944			forming system	1,000	PC	N
100	11581007713			pump connection	1,000	PC	9
110	11681009533	16000010430	0	hose connection pieces	1,000	PC	9
120	105972493	16000010430	0	discharged air	1,000	PC	9
130	108373380			valve cluster	1,000	PC	N

quick-exhaust  
107472596



packaging machine (RM)\basic machine\pneumatics\forming\quick-exhaust



**quick-exhaust**

**107472596**

**packaging machine (RM)\basic machine\pneumatics\forming\quick-exhaust**

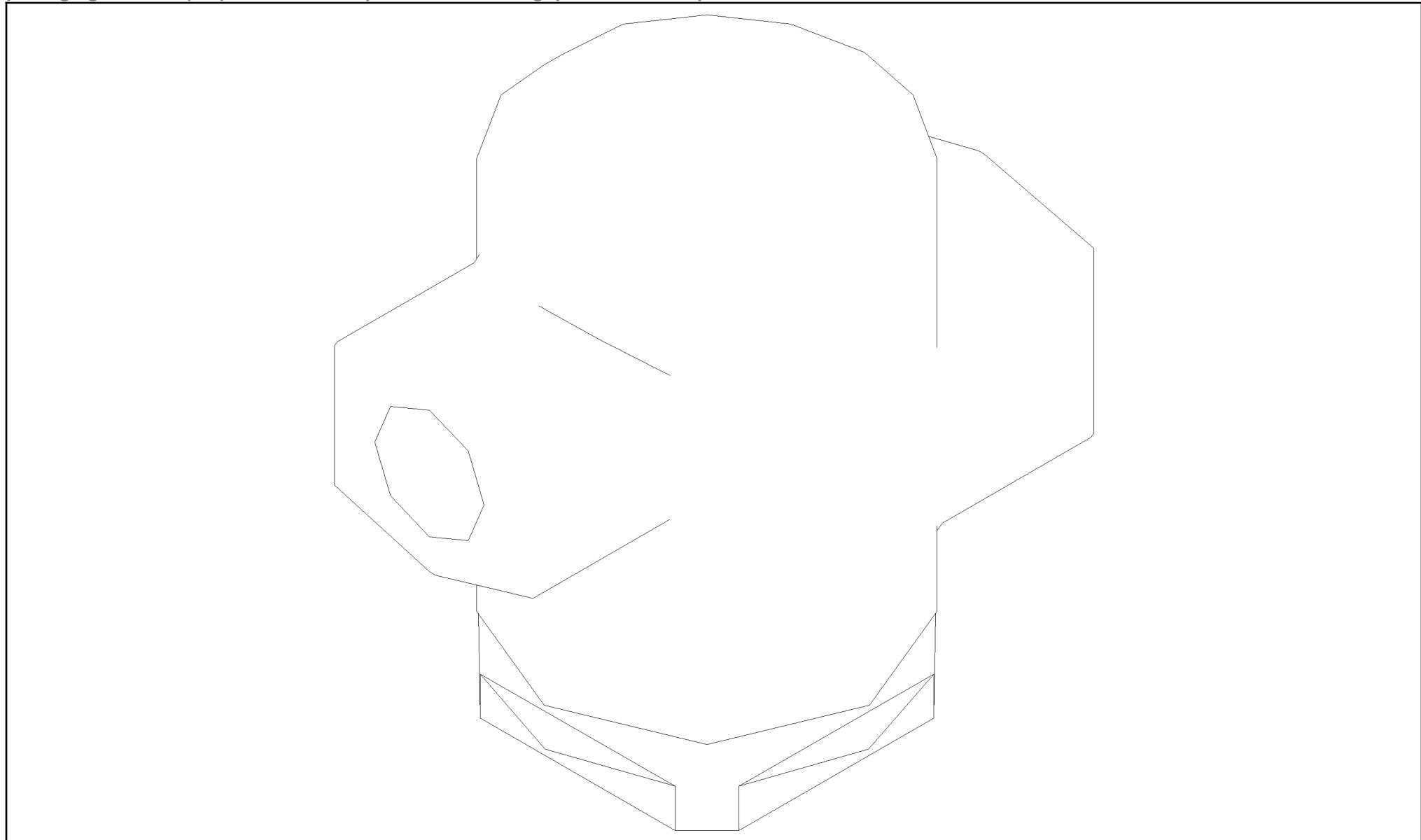


pos	material	document	version	description	quantity	quantity unit	SPC
10	80275111211	16000010430	0	rapid vent valve	1,000	PC	3
20	19781182000			pressure spring	1,000	PC	3
30	11581937200			guide bush	1,000	PC	9
60	81141840615			threaded coupling	2,000	PC	9
70	81141807708			reducing nipple	1,000	PC	9
80	105762458			bracket	1,000	PC	9
90	80291114200			sound absorber	1,000	PC	3
110	75211030602			disk	4,000	PC	9
120	75200000602			hexagon nut	2,000	PC	9
130	75001061316			hexagon-head bolt	2,000	PC	9

rapid vent valve  
80275111211



packaging machine (RM)\basic machine\pneumatics\forming\quick-exhaust\rapid vent valve



**rapid vent valve**

**80275111211**

**packaging machine (RM)\basic machine\pneumatics\forming\quick-exhaust\rapid vent valve**

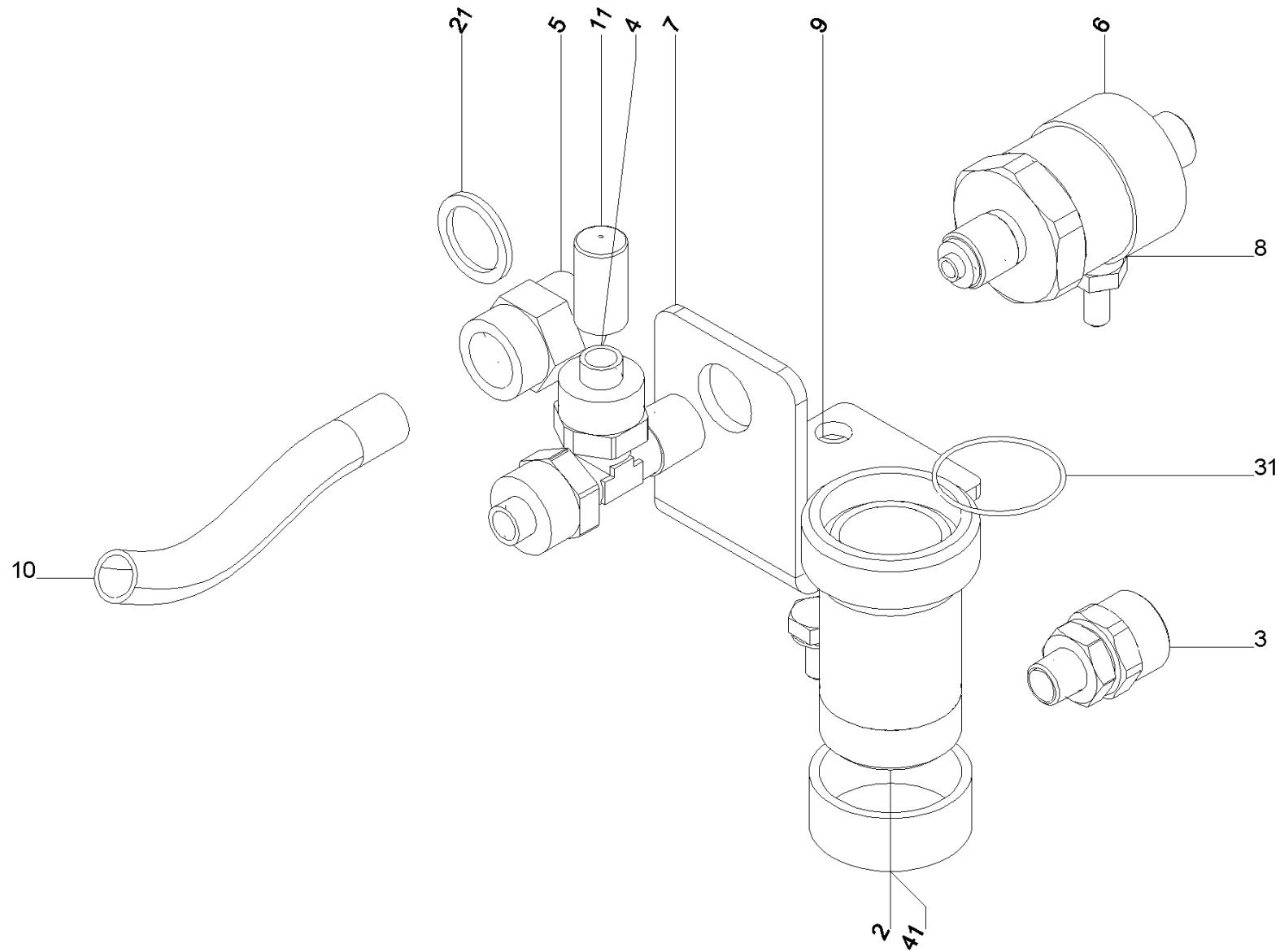


pos	material	document	version	description	quantity	quantity unit	SPC
10	19181271284			gasket set	1,000	PC	1

vacuum measuring system

11681009022

packaging machine (RM)\basic machine\pneumatics\forming\vacuum measuring system



## vacuum measuring system

11681009022

packaging machine (RM)\basic machine\pneumatics\forming\vacuum measuring system

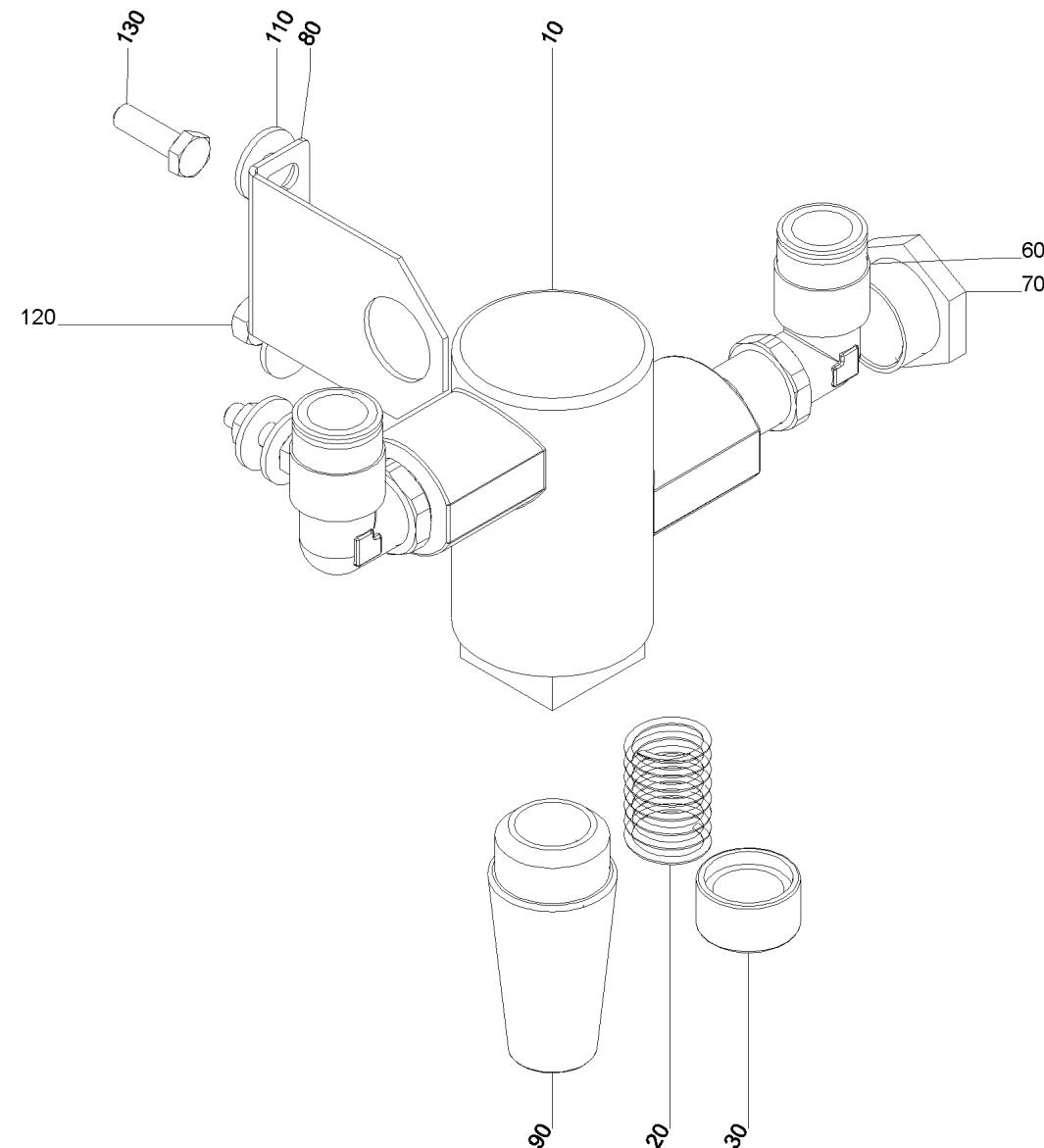


pos	material	document	version	description	quantity	quantity unit	SPC
2	11481836030			nipple	1,000	PC	9
3	81141803210			screw fitting	1,000	PC	9
4	81141803811			screw fitting	1,000	PC	9
5	81141807803			muffle	1,000	PC	9
6	106603567			pressure transducer	1,000	PC	5
7	11581967095			bracket	1,000	PC	9
8	75001060802			hexagon-head bolt	2,000	PC	9
9	75210070602			thrust washer	2,000	PC	9
10	81811301063			PUR hose	2,000	M	9
11	107920626			cover flap	1,000	PC	9
21	81141806523			sealing ring	1,000	PC	9
31	78301022200			o-ring	1,000	PC	1
41	11581937493			threaded ring	1,000	PC	9
999	106498292			connection cable	1,000	PC	5

quick-exhaust  
107472596



packaging machine (RM)\basic machine\pneumatics\forming\quick-exhaust



**quick-exhaust**

**107472596**

**packaging machine (RM)\basic machine\pneumatics\forming\quick-exhaust**

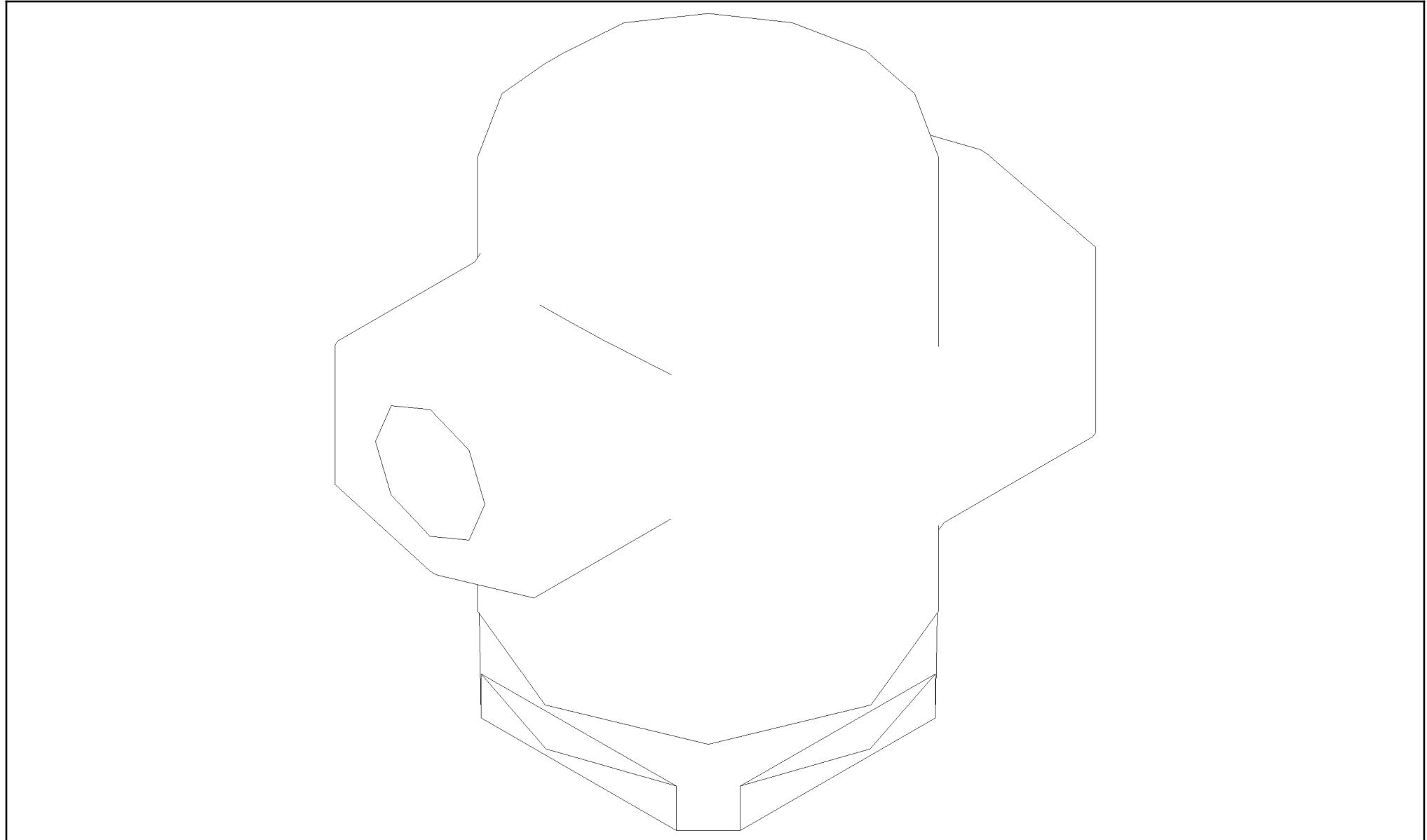


pos	material	document	version	description	quantity	quantity unit	SPC
10	80275111211	16000010430	0	rapid vent valve	1,000	PC	3
20	19781182000			pressure spring	1,000	PC	3
30	11581937200			guide bush	1,000	PC	9
60	81141840615			threaded coupling	2,000	PC	9
70	81141807708			reducing nipple	1,000	PC	9
80	105762458			bracket	1,000	PC	9
90	80291114200			sound absorber	1,000	PC	3
110	75211030602			disk	4,000	PC	9
120	75200000602			hexagon nut	2,000	PC	9
130	75001061316			hexagon-head bolt	2,000	PC	9

rapid vent valve  
80275111211



packaging machine (RM)\basic machine\pneumatics\forming\quick-exhaust\rapid vent valve



**rapid vent valve**

**80275111211**

**packaging machine (RM)\basic machine\pneumatics\forming\quick-exhaust\rapid vent valve**



pos	material	document	version	description	quantity	quantity unit	SPC
10	19181271284			gasket set	1,000	PC	1

discharged air  
105972493

packaging machine (RM)\basic machine\pneumatics\forming\discharged air



keine Zeichnung vorhanden  
no drawing available

**discharged air**

**105972493**

**packaging machine (RM)\basic machine\pneumatics\forming\discharged air**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107434168			hose connection piece	1,000	PC	9
20	81811132230			spiral hose	2,000	M	9
30	81190112281			hose band clip	2,000	PC	9
40	19103211031			hose connection piece	1,000	PC	9

discharged air  
105972493

packaging machine (RM)\basic machine\pneumatics\forming\discharged air



keine Zeichnung vorhanden  
no drawing available

**discharged air**

**105972493**

**packaging machine (RM)\basic machine\pneumatics\forming\discharged air**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107434168			hose connection piece	1,000	PC	9
20	81811132230			spiral hose	2,000	M	9
30	81190112281			hose band clip	2,000	PC	9
40	19103211031			hose connection piece	1,000	PC	9

discharged air  
105972493

packaging machine (RM)\basic machine\pneumatics\forming\discharged air



keine Zeichnung vorhanden  
no drawing available

**discharged air**

**105972493**

**packaging machine (RM)\basic machine\pneumatics\forming\discharged air**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107434168			hose connection piece	1,000	PC	9
20	81811132230			spiral hose	2,000	M	9
30	81190112281			hose band clip	2,000	PC	9
40	19103211031			hose connection piece	1,000	PC	9

main control aggregate

105833242

packaging machine (RM)\basic machine\pneumatics\forming\main control aggregate



keine Zeichnung vorhanden  
no drawing available

main control aggregate

105833242

packaging machine (RM)\basic machine\pneumatics\forming\main control aggregate



pos	material	document	version	description	quantity	quantity unit	SPC
10	105436598			end plate	1,000	PC	3
20	105399486			end plate	1,000	PC	3
30	81141840615			threaded coupling	1,000	PC	9
40	105534015			threaded coupling	3,000	PC	9
50	81141807401			reducing nipple	1,000	PC	9
60	81141842102			threaded coupling	1,000	PC	9
70	81141840307			threaded coupling	1,000	PC	9
80	105230250			sound absorber	1,000	PC	3
90	81141840111			threaded coupling	1,000	PC	9
100	81141807409			reducing nipple	2,000	PC	9
110	81141808204			bracket	2,000	PC	9
160	81811251304			pa tube	1,000	M	9
170	81141842604			threaded coupling	2,000	PC	9
180	81141839908			reduction piece	1,000	PC	9
190	81811251083			pa tube	5,000	M	9
200	81141840005			threaded coupling	1,000	PC	9
210	81141839908			reduction piece	1,000	PC	9
220	81141842606			threaded coupling	1,000	PC	9
230	81141842506			threaded coupling	2,000	PC	9
240	81811251307			pa tube	4,000	M	9
250	81141839004			cap plug	1,000	PC	9

forming system  
106534944

packaging machine (RM)\basic machine\pneumatics\forming\forming system



keine Zeichnung vorhanden  
no drawing available

**forming system**

**106534944**

**packaging machine (RM)\basic machine\pneumatics\forming\forming system**

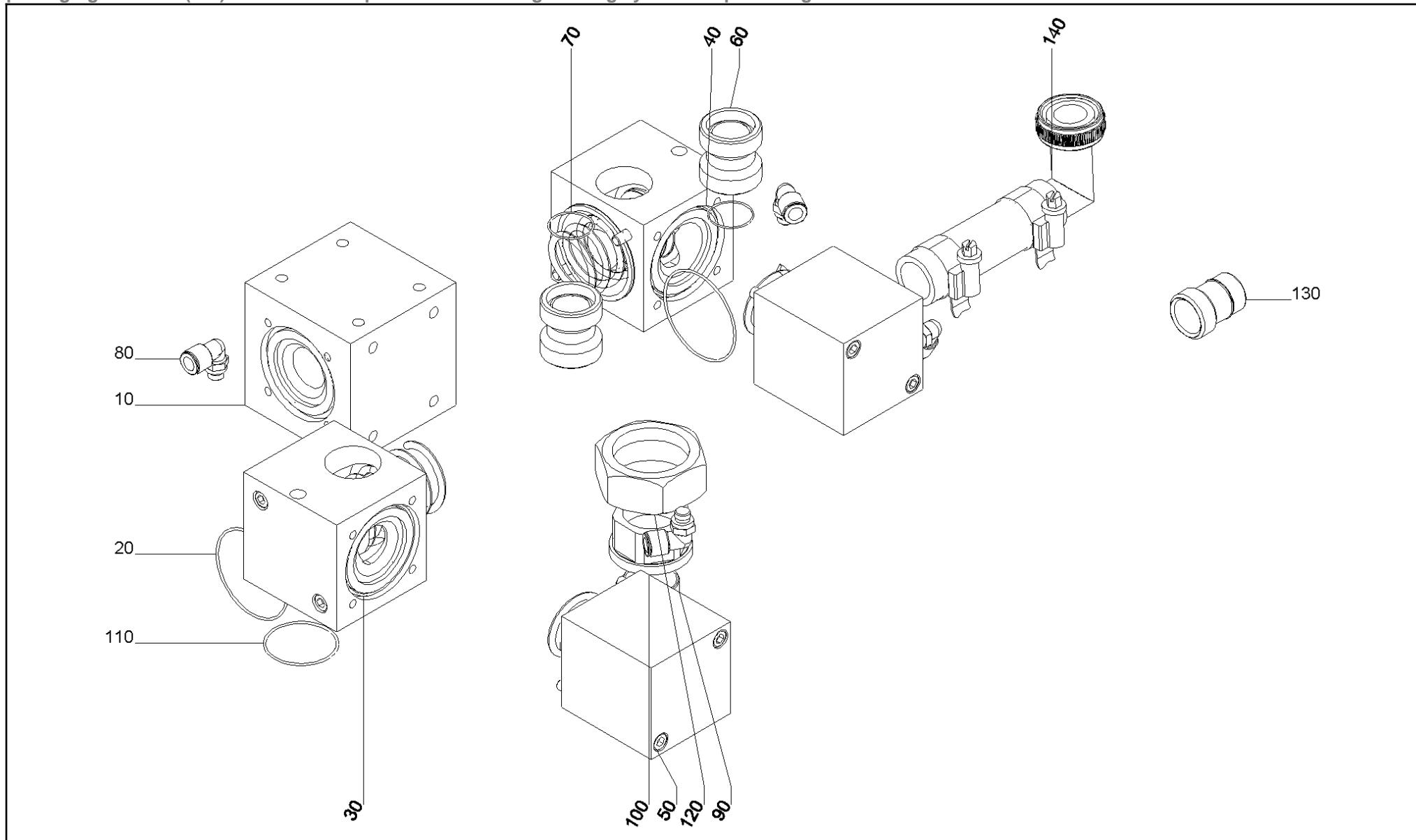


pos	material	document	version	description	quantity	quantity unit	SPC
10	106503016	16000213764	A	deep drawing valve	1,000	PC	N
20	81811251307			pa tube	8,000	M	9
40	105436725	16000156797	0	solenoid valve	2,000	PC	9
60	81141842503			threaded coupling	4,000	PC	9
70	81811251304			pa tube	8,000	M	9
80	101600992			sheet	1,000	PC	9
90	75001080902			hexagon-head bolt	2,000	PC	9
110	106766558	16000272538	C	pressure regulator	1,000	PC	9
120	106766499	16000272535	C	pressure regulator	1,000	PC	9
130	106459450	16000203115	B	flange	2,000	PC	9
160	81141842606			threaded coupling	1,000	PC	9
170	81141842506			threaded coupling	2,000	PC	9

deep drawing valve

106503016

packaging machine (RM)\basic machine\pneumatics\forming\forming system\deep drawing valve



**deep drawing valve**

106503016

packaging machine (RM)\basic machine\pneumatics\forming\forming system\deep drawing valve



pos	material	document	version	description	quantity	quantity unit	SPC
10	11581951088			distributor	1,000	PC	9
20	78301050300			o-ring	2,000	PC	1
30	11581110004	101815101	A	valve	1,000	PC	9
40	11581110006	16000010698	A	valve	1,000	PC	5
50	11581110000	101726567	C	valve	2,000	PC	9
60	11581935940			nipple	2,000	PC	9
70	78301022200			o-ring	2,000	PC	1
80	105534015			threaded coupling	4,000	PC	9
90	81182220006			tube nipple	1,000	PC	9
100	11581939410			insert piece	1,000	PC	9
110	78301036300			o-ring	1,000	PC	1
120	81155011102			union nut	1,000	PC	9
130	19103211031			hose connection piece	1,000	PC	9
140	11681009536			hose set	1,000	PC	9

valve

11581110004

packaging machine (RM)\basic machine\pneumatics\forming\forming system\deep drawing valve\valve



SYMBOLISCHE  
DARSTELLUNG  
SYMBOLIC  
REPRESENTATION  
SCHEMA  
REPRESENTACION  
SIMBOLICA

Ident-No.

**101815101**

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Name

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Date

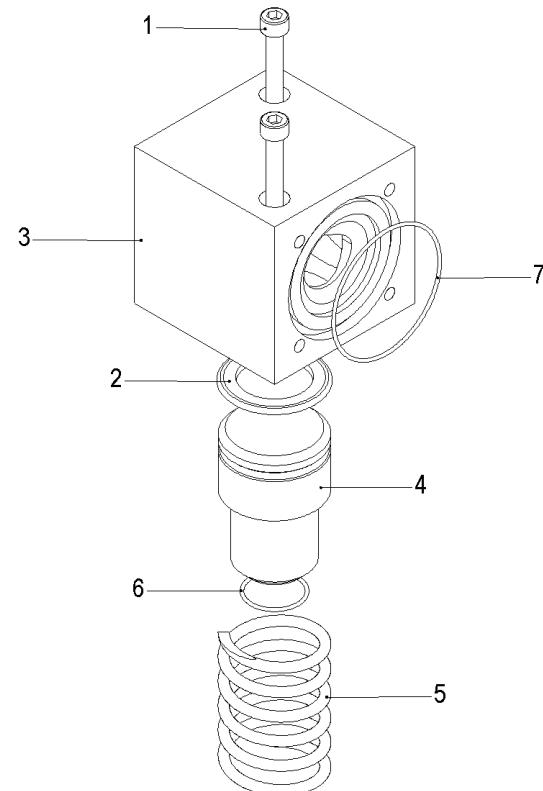
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Sheet

1 / 1

101815101\_valve

**MULTIVAC**



Ventil

valve

vanne

valvula

valve

11581110004

packaging machine (RM)\basic machine\pneumatics\forming\forming system\deep drawing valve\valve



pos	material	document	version	description	quantity	quantity unit	SPC
1	75010062502			cylindrical screw	2,000	PC	9
2	80209401010			k grooved ring	1,000	PC	1
3	11581934506			cylinder	1,000	PC	5
4	11581938067			piston	1,000	PC	3
5	19781403900			pressure spring	1,000	PC	3
6	78301020301			o-ring	1,000	PC	1
7	78301050300			o-ring	1,000	PC	1
10	19181271484			gasket set	1,000	PC	1

valve

11581110006

packaging machine (RM)\basic machine\pneumatics\forming\forming system\deep drawing valve\valve



SYMBOLISCHE  
DARSTELLUNG  
SYMBOLIC  
REPRESENTATION  
SCHEMA  
REPRESENTACION  
SIMBOLICA

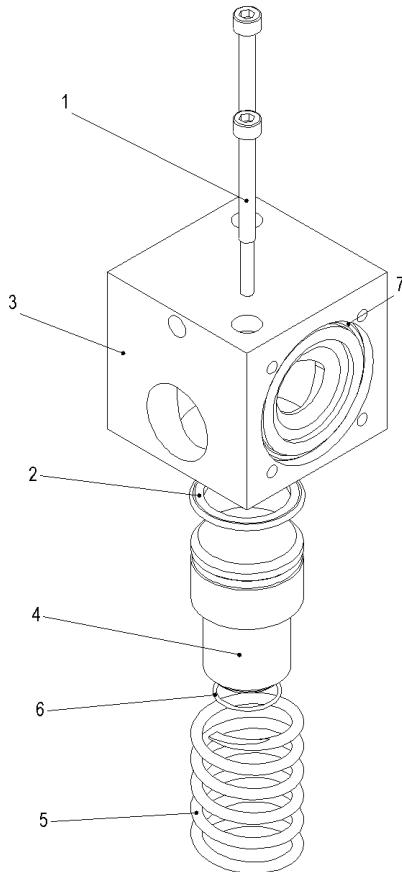
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**MULTIVAC**



Ventil	vanne
valve	valvula

valve

11581110006

packaging machine (RM)\basic machine\pneumatics\forming\forming system\deep drawing valve\valve

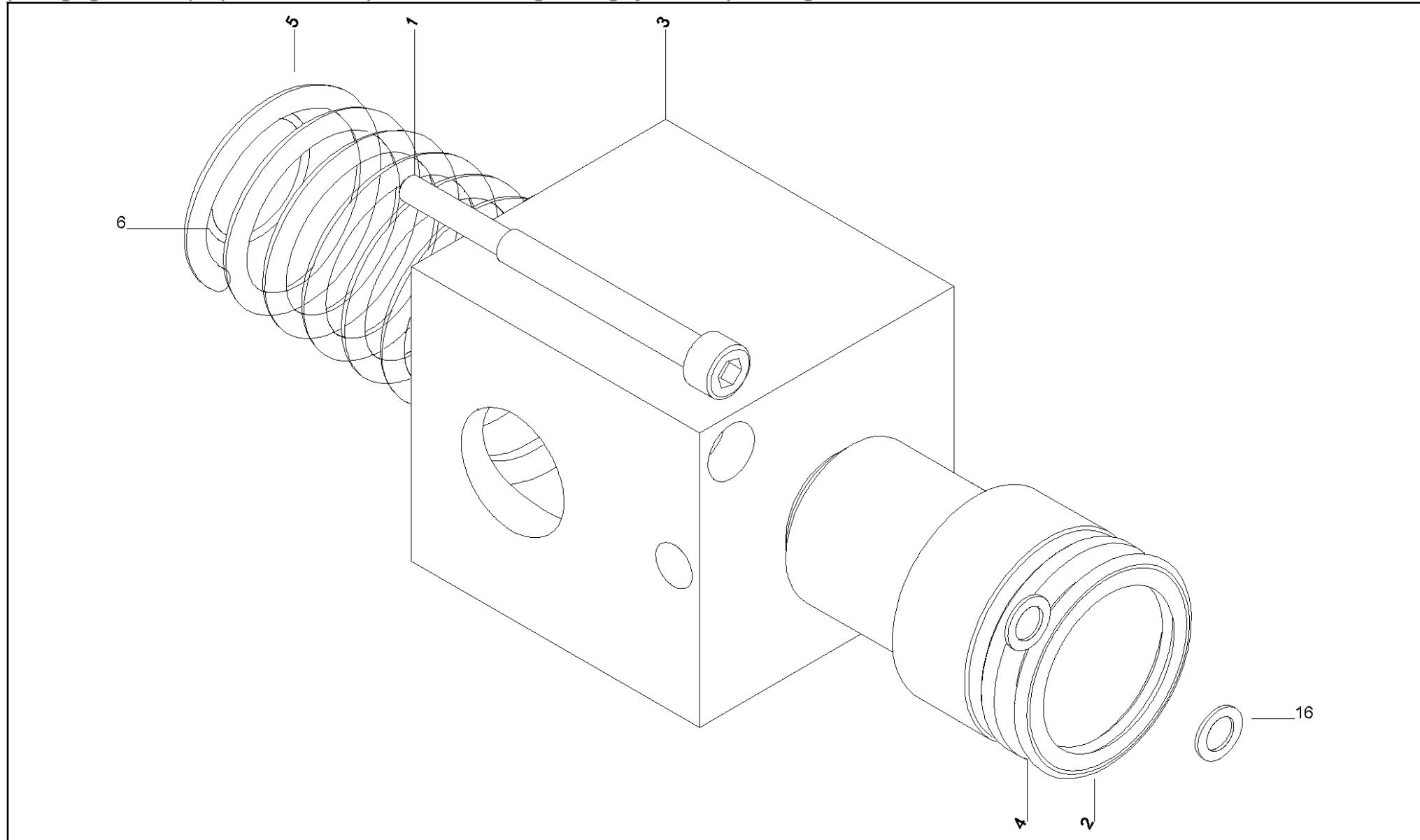


pos	material	document	version	description	quantity	quantity unit	SPC
1	75010062502			cylindrical screw	2,000	PC	9
2	80209401010			k grooved ring	1,000	PC	1
3	11581934508			cylinder	1,000	PC	5
4	11581938067			piston	1,000	PC	3
5	19781403900			pressure spring	1,000	PC	3
6	78301020301			o-ring	1,000	PC	1
7	78301050300			o-ring	1,000	PC	1
10	19181271484			gasket set	1,000	PC	1

valve  
11581110000



packaging machine (RM)\basic machine\pneumatics\forming\forming system\deep drawing valve\valve



valve

11581110000

packaging machine (RM)\basic machine\pneumatics\forming\forming system\deep drawing valve\valve

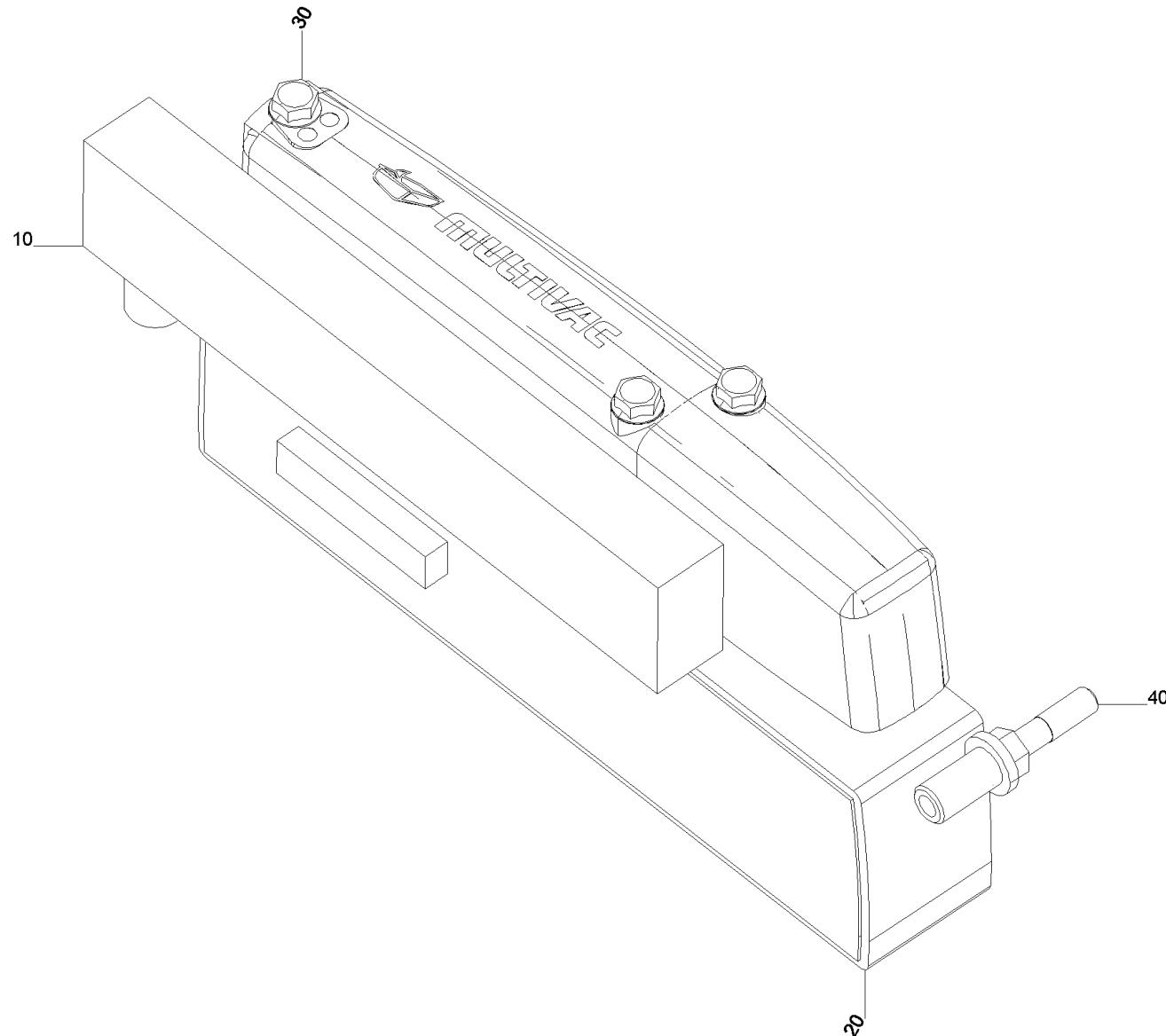


pos	material	document	version	description	quantity	quantity unit	SPC
1	75010062502			cylindrical screw	2,000	PC	9
2	80209401010			k grooved ring	1,000	PC	1
3	11581934524			cylinder	1,000	PC	5
4	11581938067			piston	1,000	PC	3
5	19781403900			pressure spring	1,000	PC	3
6	78301020301			o-ring	1,000	PC	1
16	75210070602			thrust washer	2,000	PC	9
20	19181271484			gasket set	1,000	PC	1

solenoid valve

105436725

packaging machine (RM)\basic machine\pneumatics\forming\forming system\solenoid valve



**solenoid valve**

**105436725**

**packaging machine (RM)\basic machine\pneumatics\forming\forming system\solenoid valve**

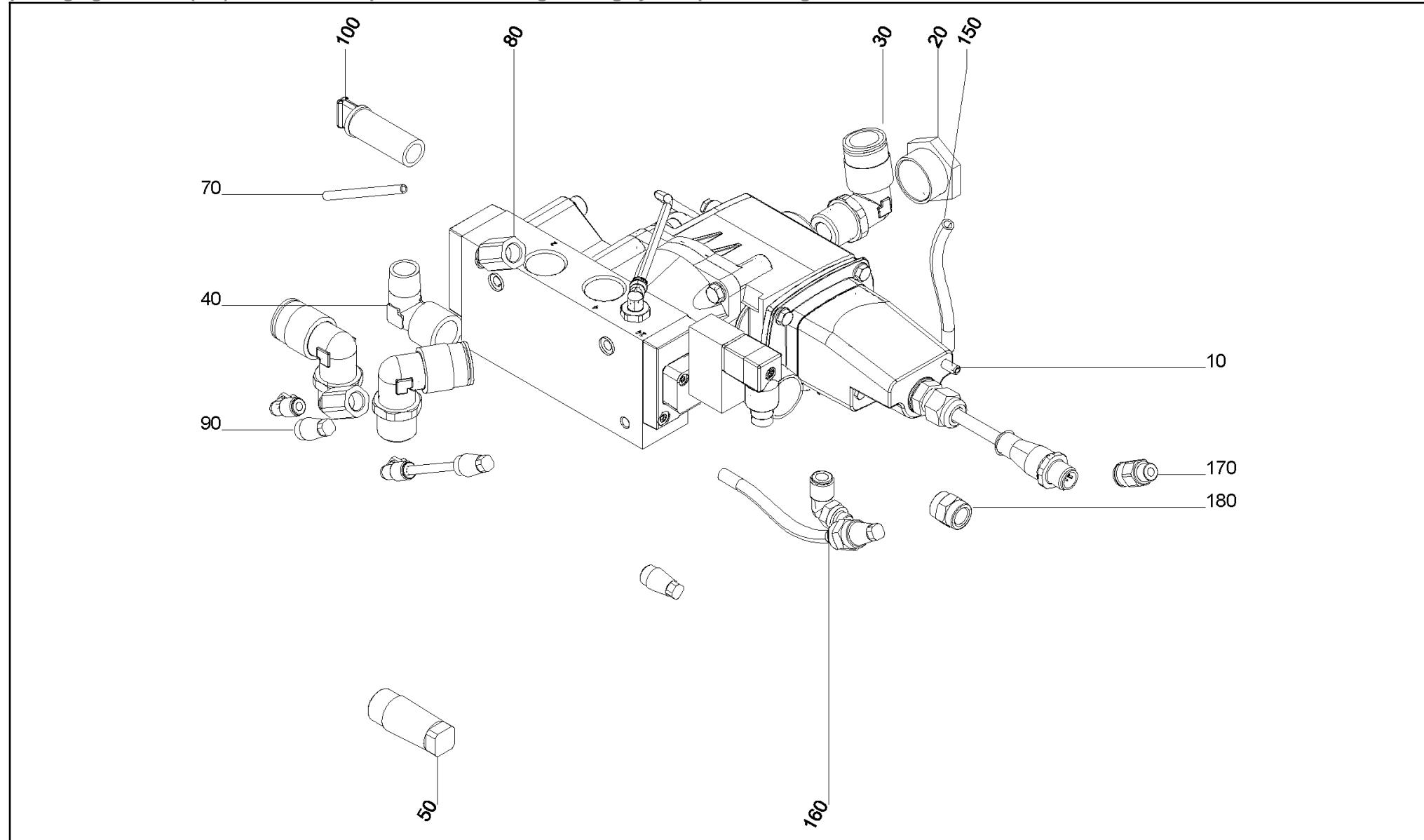


pos	material	document	version	description	quantity	quantity unit	SPC
10	105399469			5/2 valve	1,000	PC	3
20	105399475			passage plate	1,000	PC	3
30	105402075			valve cover	1,000	PC	3
40	105410831			tie bolt	1,000	PC	9
50	105564660			seal	1,000	PC	9
60	105564659			seal	1,000	PC	9

pressure regulator

106766558

packaging machine (RM)\basic machine\pneumatics\forming\forming system\pressure regulator



**pressure regulator**

**106766558**

**packaging machine (RM)\basic machine\pneumatics\forming\forming system\pressure regulator**

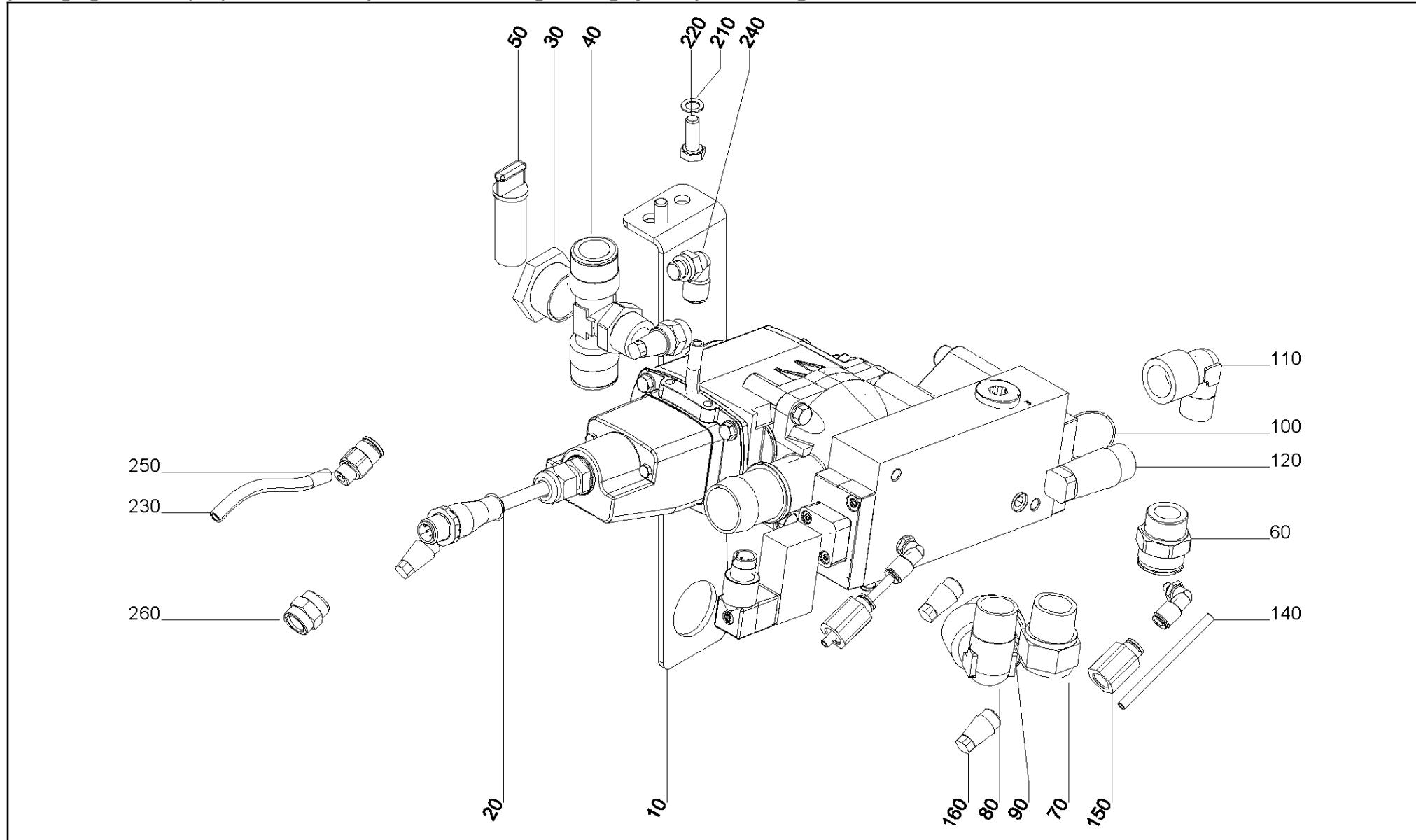


pos	material	document	version	description	quantity	quantity unit	SPC
10	106020200			pressure regulator	1,000	PC	3
20	81141807708			reducing nipple	1,000	PC	9
30	81141840615			threaded coupling	3,000	PC	9
40	81141808203			bracket	1,000	PC	9
50	80291114120			sound absorber	1,000	PC	3
70	81811251301			pa tube	0,100	M	9
80	81141840301			threaded coupling	2,000	PC	9
90	80291114100			sound absorber	4,000	PC	3
100	81141839006			cap plug	1,000	PC	9
150	106112248			PUR hose	50,000	MM	9
160	105570956			threaded coupling	1,000	PC	9
170	81141840104			threaded coupling	1,000	PC	9
180	81141807802			muffle	2,000	PC	9

pressure regulator  
106766499



packaging machine (RM)\basic machine\pneumatics\forming\forming system\pressure regulator



**pressure regulator**

**106766499**

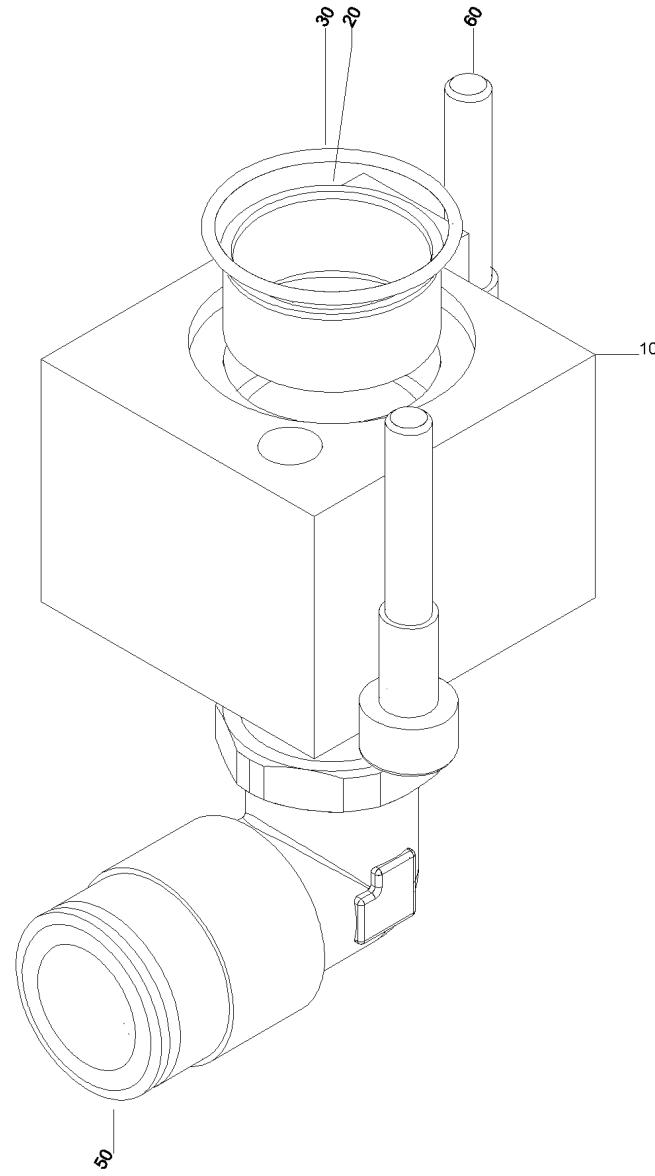
**packaging machine (RM)\basic machine\pneumatics\forming\forming system\pressure regulator**



pos	material	document	version	description	quantity	quantity unit	SPC
10	106766739			bracket	1,000	PC	9
20	106020200			pressure regulator	1,000	PC	3
30	81141807708			reducing nipple	1,000	PC	9
40	81141841914			threaded coupling	1,000	PC	9
50	81141839006			cap plug	1,000	PC	9
60	81141840116			threaded coupling	1,000	PC	9
70	81141807410			reducing nipple	1,000	PC	9
80	81141808204			bracket	1,000	PC	9
90	11581939001			nipple	1,000	PC	9
100	78301022200			o-ring	1,000	PC	1
110	81141808203			bracket	1,000	PC	9
120	80291114120			sound absorber	1,000	PC	3
140	81811251301			pa tube	0,100	M	9
150	81141840301			threaded coupling	2,000	PC	9
160	80291114100			sound absorber	4,000	PC	3
210	75210070602			thrust washer	2,000	PC	9
220	75001061102			hexagon-head bolt	2,000	PC	9
230	106112248			PUR hose	50,000	MM	9
240	105570956			threaded coupling	1,000	PC	9
250	81141840104			threaded coupling	1,000	PC	9
260	81141807802			muffle	2,000	PC	9

flange  
106459450

packaging machine (RM)\basic machine\pneumatics\forming\forming system\flange



flange

106459450

packaging machine (RM)\basic machine\pneumatics\forming\forming system\flange



pos	material	document	version	description	quantity	quantity unit	SPC
10	106904823			flange	1,000	PC	9
20	19103212070			pipe spout	1,000	PC	5
30	78301022301			o-ring	1,000	PC	1
50	81141840615			threaded coupling	1,000	PC	9
60	75010061816			cylindrical screw	2,000	PC	9

hose connection pieces

11681009533

packaging machine (RM)\basic machine\pneumatics\forming\hose connection pieces



keine Zeichnung vorhanden  
no drawing available

**hose connection pieces**

11681009533

packaging machine (RM)\basic machine\pneumatics\forming\hose connection pieces



pos	material	document	version	description	quantity	quantity unit	SPC
10	81810203200			pressure hose	1,500	M	9
20	81190181203			hose clamp with worm gear drive	2,000	PC	9

discharged air  
105972493

packaging machine (RM)\basic machine\pneumatics\forming\discharged air



keine Zeichnung vorhanden  
no drawing available

**discharged air**

**105972493**

**packaging machine (RM)\basic machine\pneumatics\forming\discharged air**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107434168			hose connection piece	1,000	PC	9
20	81811132230			spiral hose	2,000	M	9
30	81190112281			hose band clip	2,000	PC	9
40	19103211031			hose connection piece	1,000	PC	9

sealing  
108373351

packaging machine (RM)\basic machine\pneumatics\sealing



keine Zeichnung vorhanden  
no drawing available

sealing  
108373351

packaging machine (RM)\basic machine\pneumatics\sealing

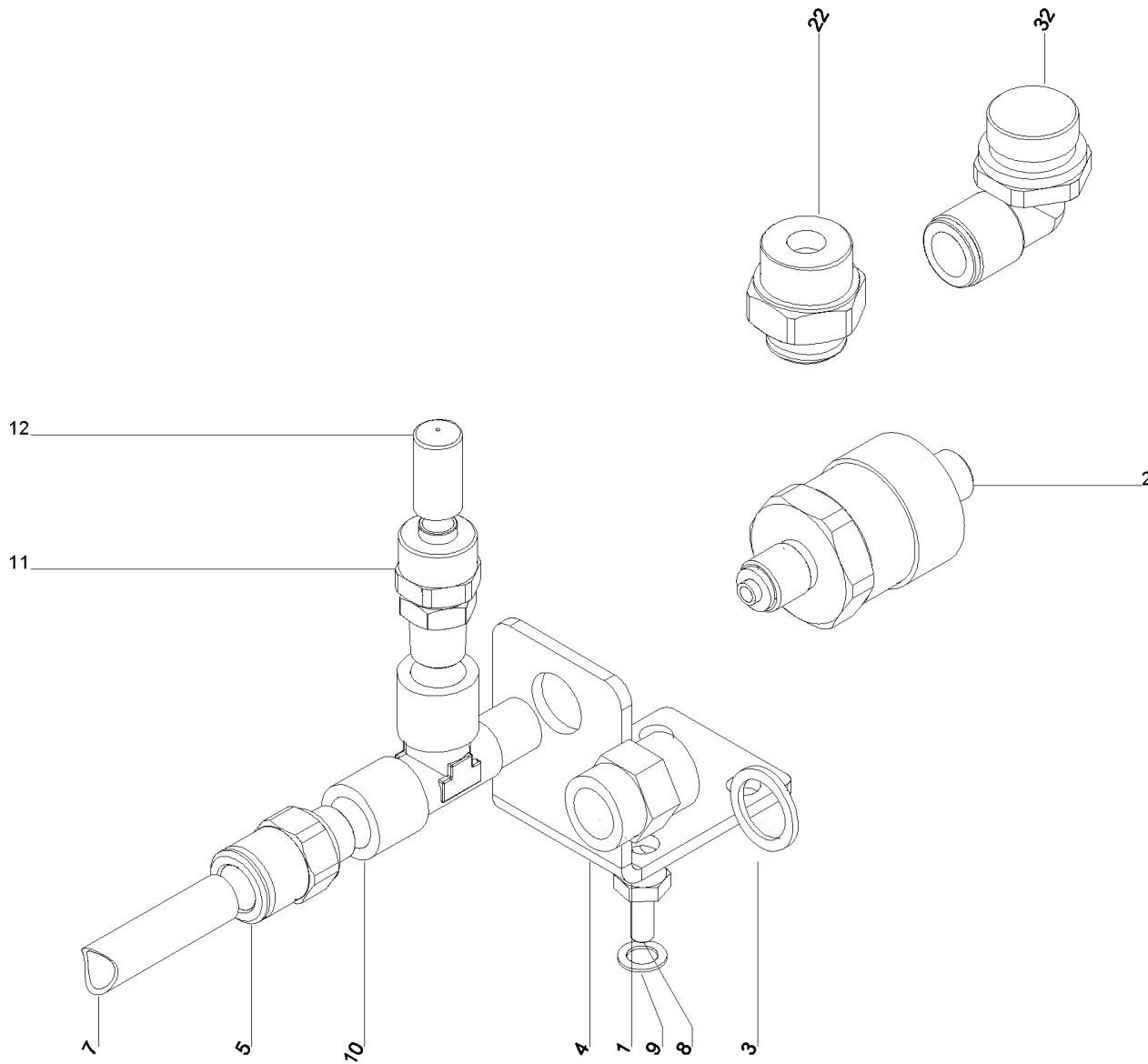


pos	material	document	version	description	quantity	quantity unit	SPC
10	11681009011	16000073605	D	vacuum measuring system	1,000	PC	9
20	105949787	16000091808	C	vacuum measuring system	1,000	PC	9
30	106105808	16000151964	E	pressure regulator	1,000	PC	9
40	106015540	16000105364	B	sealing valve	1,000	PC	9
50	105850755	16000156206	C	Air exhaust chamber	1,000	PC	3
60	105987681			pneumatic control	1,000	PC	9
70	105833242	16000010430	0	main control aggregate	1,000	PC	9
80	108373368			valve cluster	1,000	PC	N

vacuum measuring system

11681009011

packaging machine (RM)\basic machine\pneumatics\sealing\vacuum measuring system



## vacuum measuring system

11681009011

packaging machine (RM)\basic machine\pneumatics\sealing\vacuum measuring system

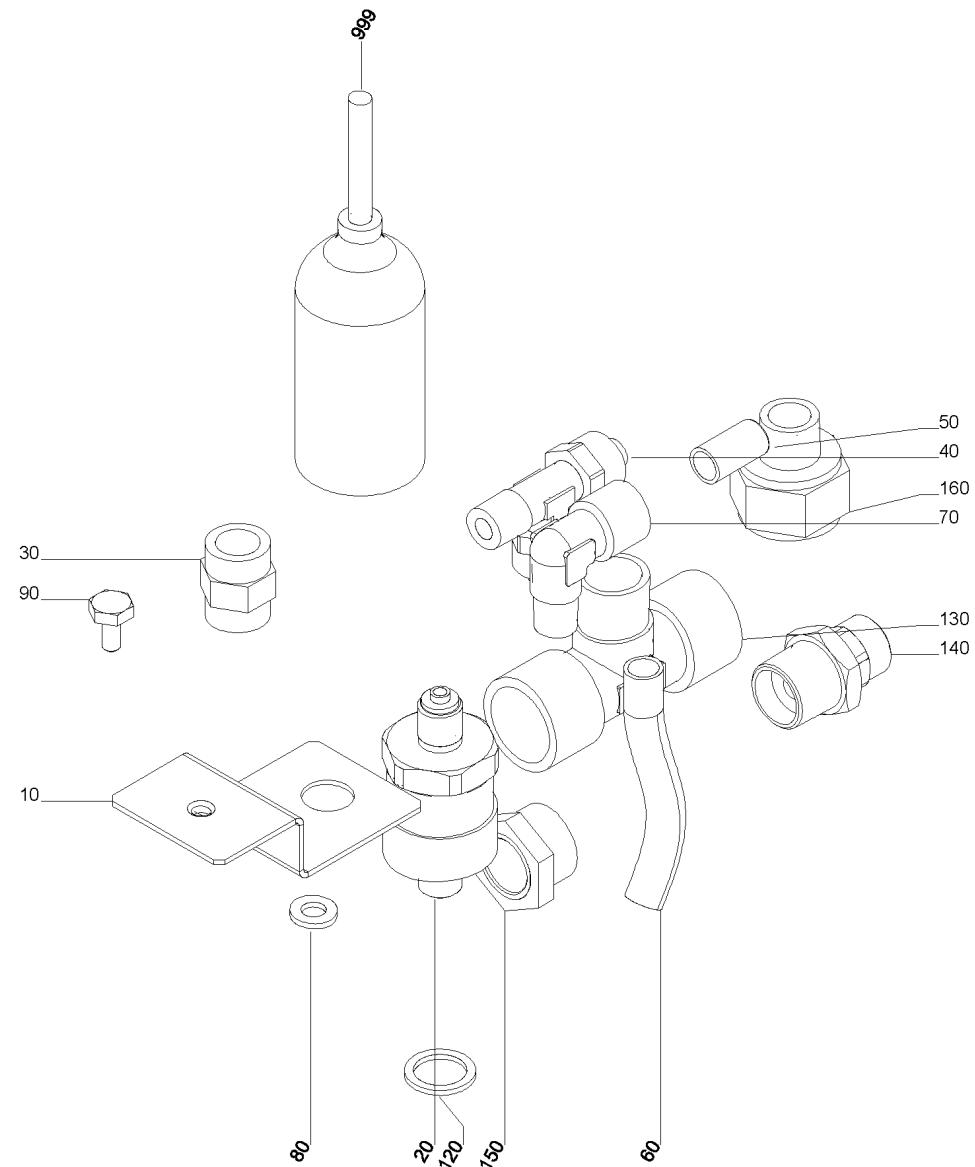


pos	material	document	version	description	quantity	quantity unit	SPC
1	11581967095			bracket	1,000	PC	9
2	106603567			pressure transducer	1,000	PC	5
3	81141806523			sealing ring	1,000	PC	9
4	81141807803			muffle	1,000	PC	9
5	81141840109			threaded coupling	1,000	PC	9
7	81811251083			pa tube	5,000	M	9
8	75001060916			hexagon-head bolt	2,000	PC	9
9	75210070602			thrust washer	2,000	PC	9
10	81141808602			T-piece	1,000	PC	9
11	81141803211			screw fitting	1,000	PC	9
12	107920626			cover flap	1,000	PC	9
22	81141840111			threaded coupling	1,000	PC	9
32	105534007			threaded coupling	1,000	PC	9
999	106498292			connection cable	1,000	PC	5

vacuum measuring system

105949787

packaging machine (RM)\basic machine\pneumatics\sealing\vacuum measuring system



## vacuum measuring system

105949787

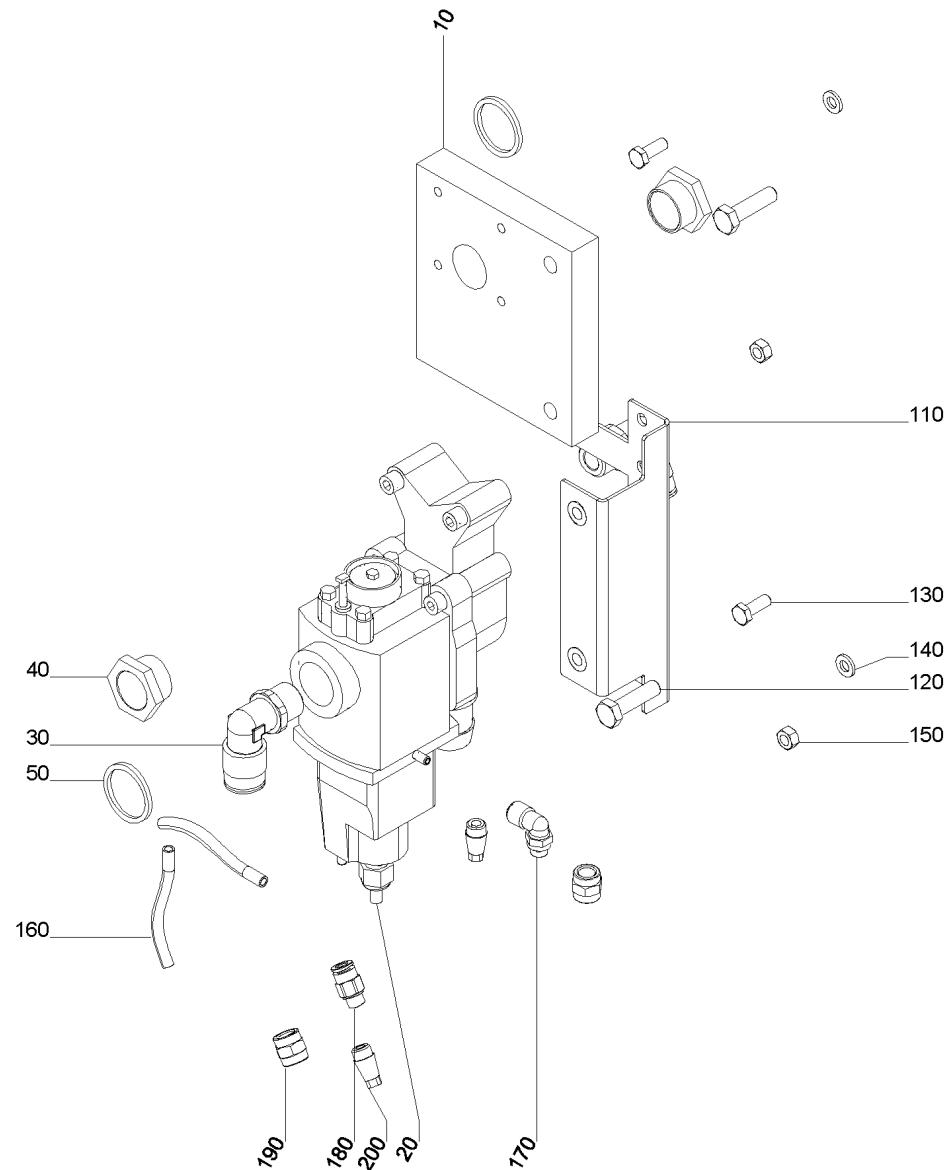
packaging machine (RM)\basic machine\pneumatics\sealing\vacuum measuring system



pos	material	document	version	description	quantity	quantity unit	SPC
10	105936464			bracket	1,000	PC	9
20	106603567			pressure transducer	1,000	PC	5
30	81141807803			muffle	1,000	PC	9
40	81141803811			screw fitting	1,000	PC	9
50	107920626			cover flap	1,000	PC	9
60	81811251083			pa tube	4,000	M	9
70	81141808202			bracket	1,000	PC	9
80	75211010602			disk	1,000	PC	9
90	75001060802			hexagon-head bolt	1,000	PC	9
120	81141806523			sealing ring	1,000	PC	9
130	81141808504			T-piece	1,000	PC	9
140	81141803213			screw fitting	1,000	PC	9
150	81141807707			reducing nipple	1,000	PC	9
160	81141807409			reducing nipple	1,000	PC	9
999	106498292			connection cable	1,000	PC	5

pressure regulator  
106105808

packaging machine (RM)\basic machine\pneumatics\sealing\pressure regulator



## pressure regulator

106105808

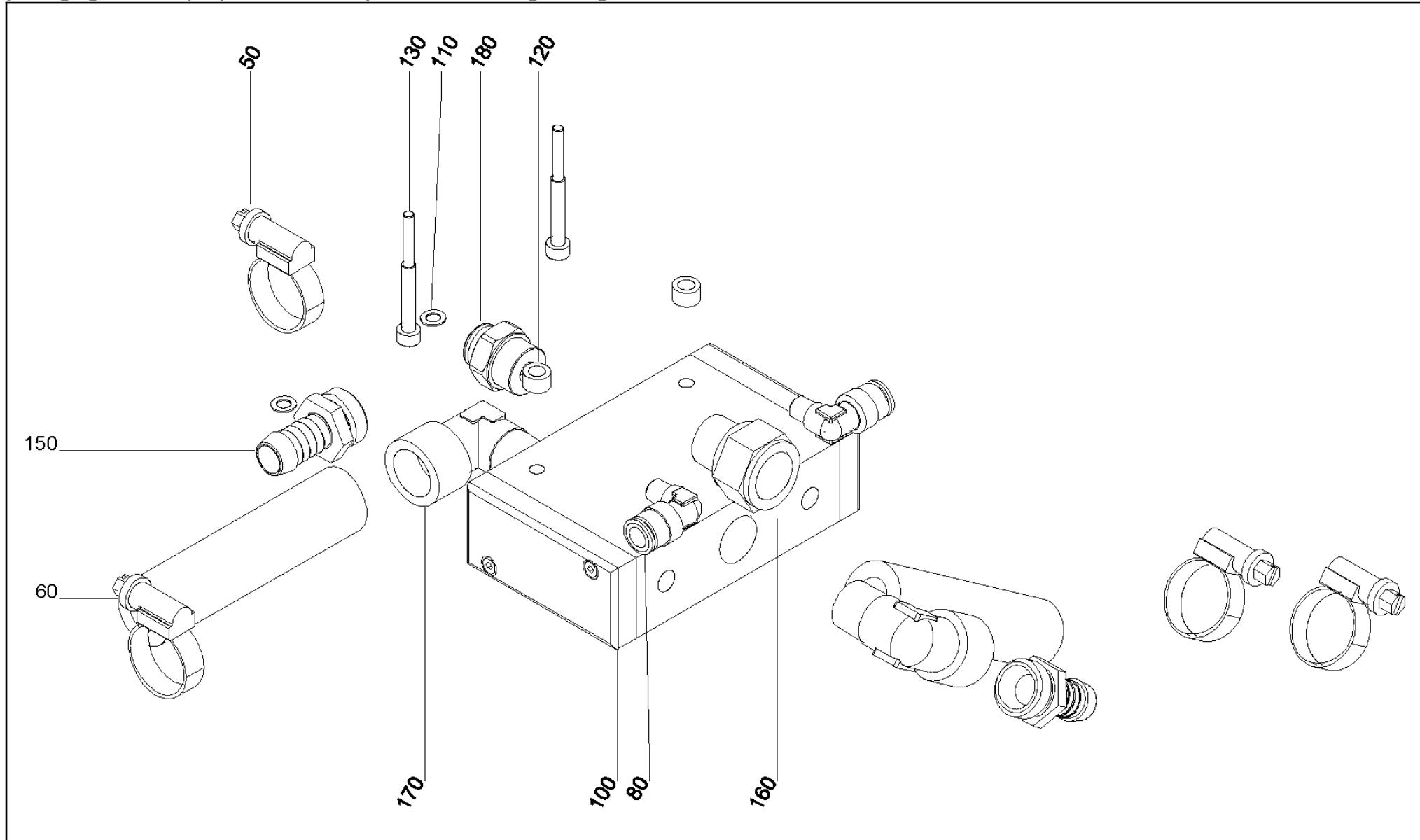
packaging machine (RM)\basic machine\pneumatics\sealing\pressure regulator



pos	material	document	version	description	quantity	quantity unit	SPC
10	105755047			plate	1,000	PC	9
20	105704300			pressure regulator	1,000	PC	5
30	81141840615			threaded coupling	2,000	PC	9
40	81141807708			reducing nipple	2,000	PC	9
50	75290032700			sealing ring	2,000	PC	1
110	106105937			holding sheet	1,000	PC	9
120	75001081716			hexagon-head bolt	2,000	PC	9
130	75001061102			hexagon-head bolt	2,000	PC	9
140	75211010602			disk	2,000	PC	9
150	75200000602			hexagon nut	2,000	PC	9
160	106112248			PUR hose	50,000	MM	9
170	105570956			threaded coupling	1,000	PC	9
180	81141840104			threaded coupling	1,000	PC	9
190	81141807802			muffle	2,000	PC	9
200	80291114100			sound absorber	2,000	PC	3

sealing valve  
106015540

packaging machine (RM)\basic machine\pneumatics\sealing\sealing valve



sealing valve

106015540

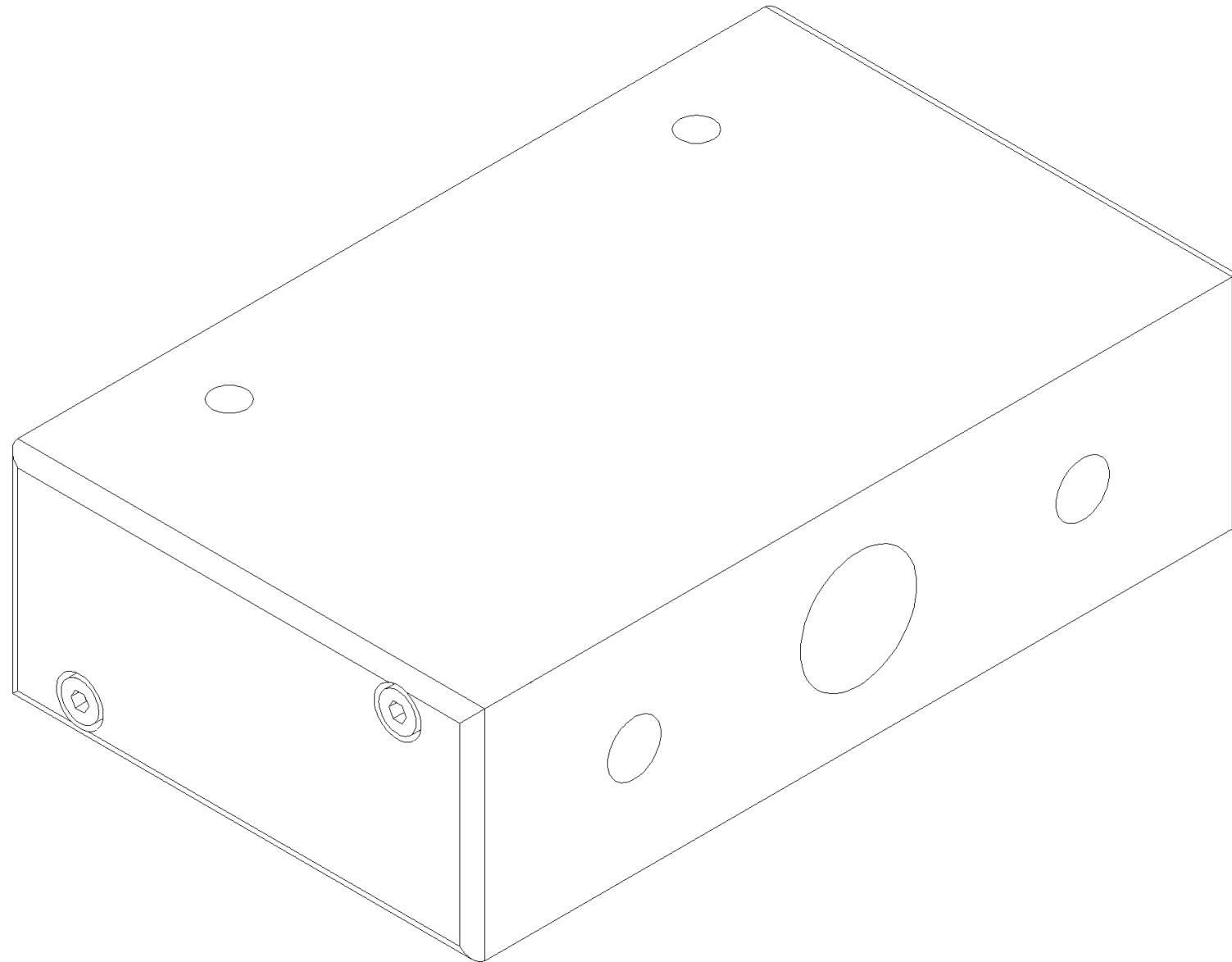
packaging machine (RM)\basic machine\pneumatics\sealing\sealing valve



pos	material	document	version	description	quantity	quantity unit	SPC
50	81190181206			hose clamp with worm gear drive	4,000	PC	9
60	106232422			pressure hose	1,500	M	9
80	81141840506			threaded coupling	2,000	PC	9
100	80255211301	16000152219	0	3/2 valve	1,000	PC	3
110	75210070502			thrust washer	2,000	PC	9
120	19431106320			spacer ring	2,000	PC	9
130	106668504			cylindrical screw	2,000	PC	9
150	107825418			threaded socket	2,000	PC	9
160	81141807410			reducing nipple	1,000	PC	9
170	81141808204			bracket	2,000	PC	9
180	81141840111			threaded coupling	1,000	PC	9

3/2 valve  
80255211301

packaging machine (RM)\basic machine\pneumatics\sealing\sealing valve\3/2 valve



3/2 valve

80255211301

packaging machine (RM)\basic machine\pneumatics\sealing\sealing valve\3/2 valve

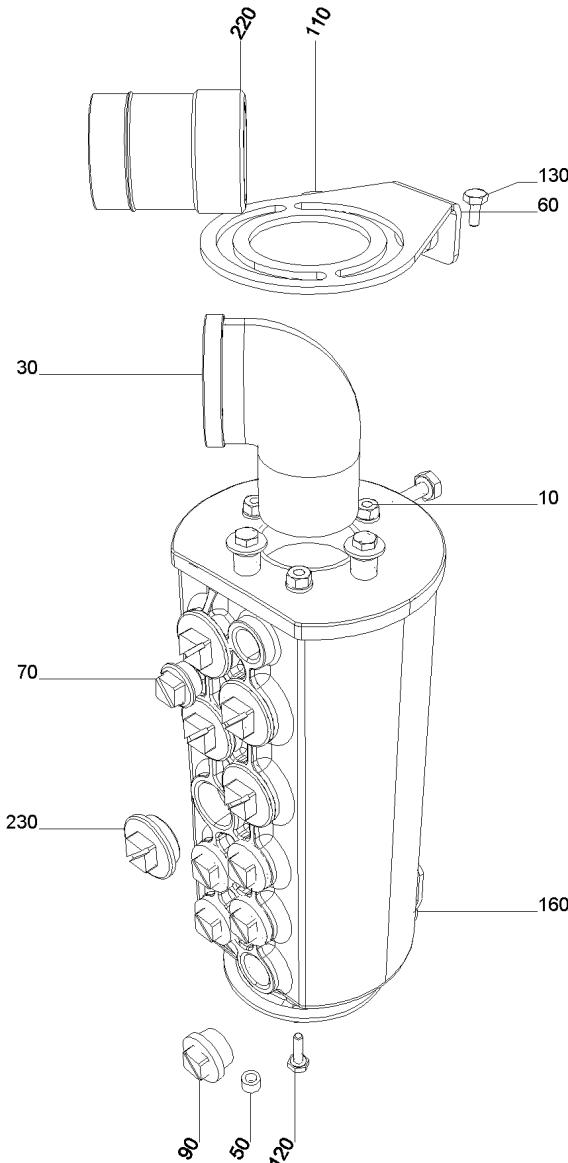


pos	material	document	version	description	quantity	quantity unit	SPC
10	80260478039			gasket set	1,000	PC	3

Air exhaust chamber

105850755

packaging machine (RM)\basic machine\pneumatics\sealing\Air exhaust chamber



**Air exhaust chamber****105850755**

packaging machine (RM)\basic machine\pneumatics\sealing\Air exhaust chamber



pos	material	document	version	description	quantity	quantity unit	SPC
10	106389964			Air exhaust chamber	1,000	PC	3
30	81151211608			bracket	1,000	PC	9
50	19431106320			spacer ring	3,000	PC	9
60	105778244			bracket	2,000	PC	9
70	81141199030			screw plug	1,000	PC	9
90	81141199021			screw plug	5,000	PC	9
110	75211030602			disk	6,000	PC	9
120	75001061302			hexagon-head bolt	3,000	PC	9
130	75001060902			hexagon-head bolt	3,000	PC	9
160	75001081302			hexagon-head bolt	2,000	PC	9
220	19103211035			hose connection piece	1,000	PC	9
230	81141199022			screw plug	5,000	PC	9

pneumatic control

105987681

packaging machine (RM)\basic machine\pneumatics\sealing\pneumatic control



keine Zeichnung vorhanden  
no drawing available

pneumatic control

105987681

packaging machine (RM)\basic machine\pneumatics\sealing\pneumatic control

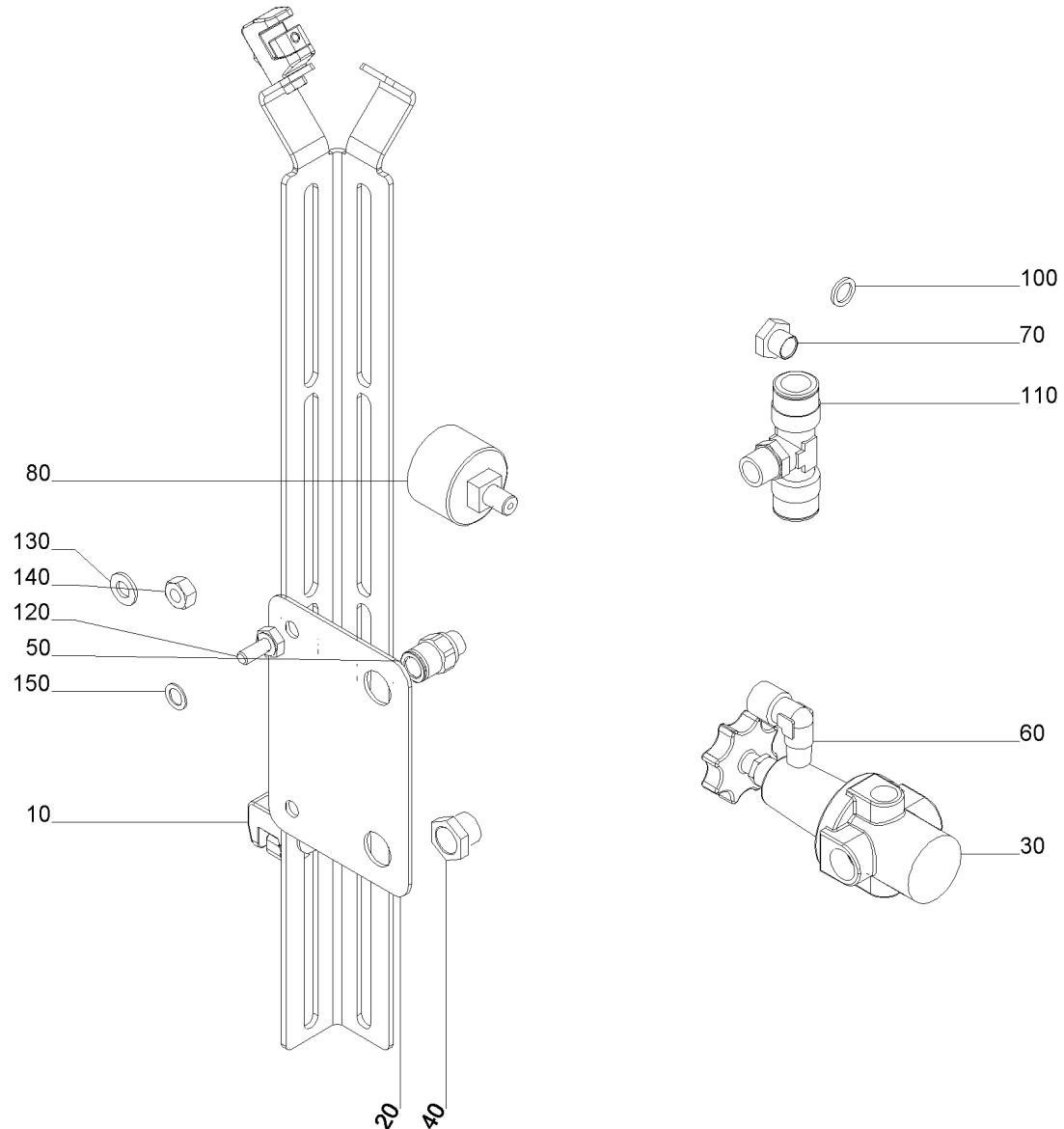


pos	material	document	version	description	quantity	quantity unit	SPC
10	105769971	16000060694	B	pressure regulator	1,000	PC	9
20	81811251083			pa tube	3,000	M	9
30	81811251304			pa tube	6,000	M	9
40	105436736			solenoid valve	1,000	PC	9

pressure regulator

105769971

packaging machine (RM)\basic machine\pneumatics\sealing\pneumatic control\pressure regulator



**pressure regulator**

**105769971**

**packaging machine (RM)\basic machine\pneumatics\sealing\pneumatic control\pressure regulator**

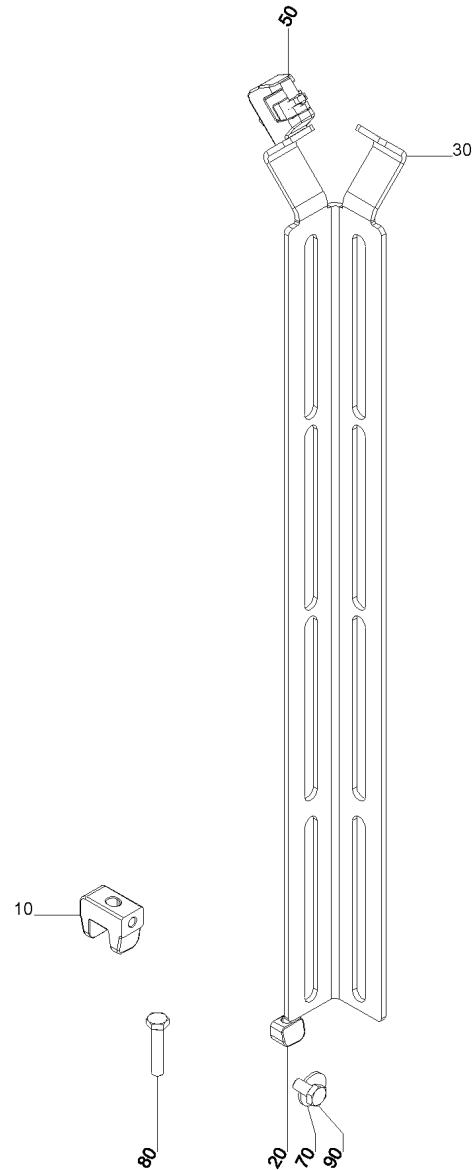


pos	material	document	version	description	quantity	quantity unit	SPC
10	105753336	16000062707	D	mount	1,000	PC	9
20	105767740			mount	1,000	PC	N
30	107305452			pressure regulator	1,000	PC	5
40	81141807705			reducing nipple	1,000	PC	9
50	81141840109			threaded coupling	1,000	PC	9
60	81141808202			bracket	1,000	PC	9
70	81141807702			reducing nipple	1,000	PC	9
80	80431151210			manometer	1,000	PC	5
100	81141806522			sealing ring	1,000	PC	9
110	81141841913			threaded coupling	1,000	PC	9
120	75001081102			hexagon-head bolt	2,000	PC	9
130	75211010802			disk	2,000	PC	9
140	75200000802			hexagon nut	2,000	PC	9
150	75210070802			thrust washer	2,000	PC	9

mount

105753336

packaging machine (RM)\basic machine\pneumatics\sealing\pneumatic control\pressure regulator\mount



mount

105753336

packaging machine (RM)\basic machine\pneumatics\sealing\pneumatic control\pressure regulator\mount



pos	material	document	version	description	quantity	quantity unit	SPC
10	105556402			mount	2,000	PC	9
20	105556472			mount	2,000	PC	9
30	105753337			mount	1,000	PC	9
50	75001060802			hexagon-head bolt	1,000	PC	9
70	75211030602			disk	1,000	PC	9
80	75001061702			hexagon-head bolt	2,000	PC	9
90	75001060916			hexagon-head bolt	1,000	PC	9

main control aggregate

105833242

packaging machine (RM)\basic machine\pneumatics\sealing\main control aggregate



keine Zeichnung vorhanden  
no drawing available

main control aggregate

105833242

packaging machine (RM)\basic machine\pneumatics\sealing\main control aggregate



pos	material	document	version	description	quantity	quantity unit	SPC
10	105436598			end plate	1,000	PC	3
20	105399486			end plate	1,000	PC	3
30	81141840615			threaded coupling	1,000	PC	9
40	105534015			threaded coupling	3,000	PC	9
50	81141807401			reducing nipple	1,000	PC	9
60	81141842102			threaded coupling	1,000	PC	9
70	81141840307			threaded coupling	1,000	PC	9
80	105230250			sound absorber	1,000	PC	3
90	81141840111			threaded coupling	1,000	PC	9
100	81141807409			reducing nipple	2,000	PC	9
110	81141808204			bracket	2,000	PC	9
160	81811251304			pa tube	1,000	M	9
170	81141842604			threaded coupling	2,000	PC	9
180	81141839908			reduction piece	1,000	PC	9
190	81811251083			pa tube	5,000	M	9
200	81141840005			threaded coupling	1,000	PC	9
210	81141839908			reduction piece	1,000	PC	9
220	81141842606			threaded coupling	1,000	PC	9
230	81141842506			threaded coupling	2,000	PC	9
240	81811251307			pa tube	4,000	M	9
250	81141839004			cap plug	1,000	PC	9

to print  
108371699

packaging machine (RM)\basic machine\pneumatics\to print



keine Zeichnung vorhanden  
no drawing available

to print

108371699

packaging machine (RM)\basic machine\pneumatics\to print



pos	material	document	version	description	quantity	quantity unit	SPC
10	105780030	101835620	0	pneumatic control	1,000	PC	N
20	11581002218	16000135102	A	pneumatic control	1,000	PC	9

pneumatic control  
105780030

packaging machine (RM)\basic machine\pneumatics\to print\pneumatic control



keine Zeichnung vorhanden  
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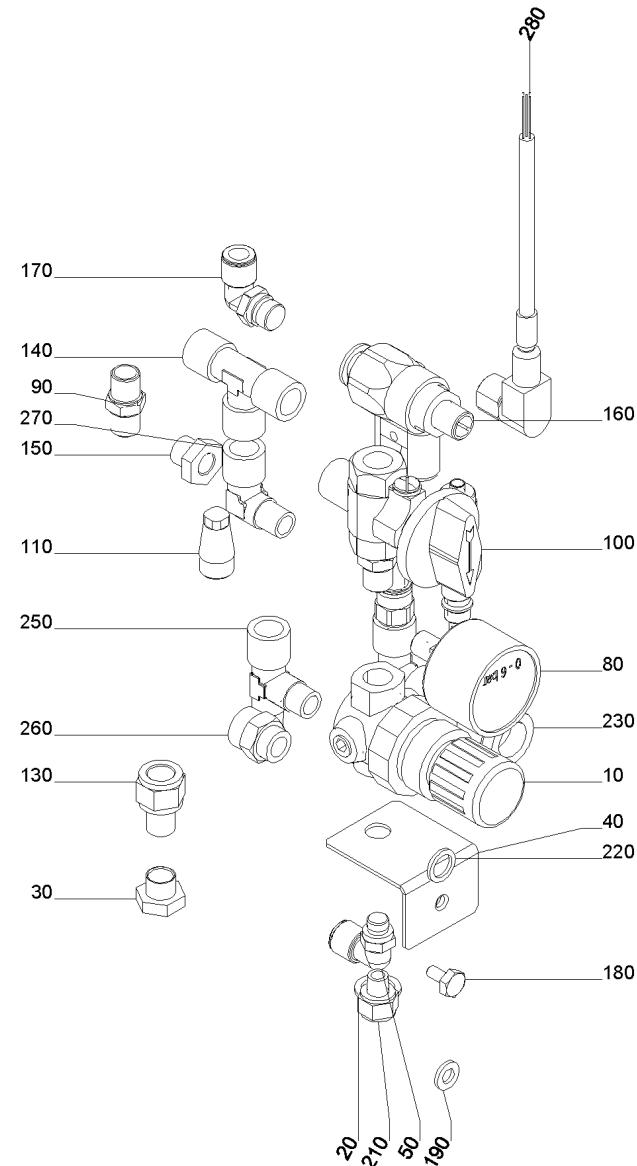
pneumatic control

105780030

packaging machine (RM)\basic machine\pneumatics\to print\pneumatic control



pos	material	document	version	description	quantity	quantity unit	SPC
10	105747040	16000056770	G	pneumatic control	1,000	PC	9



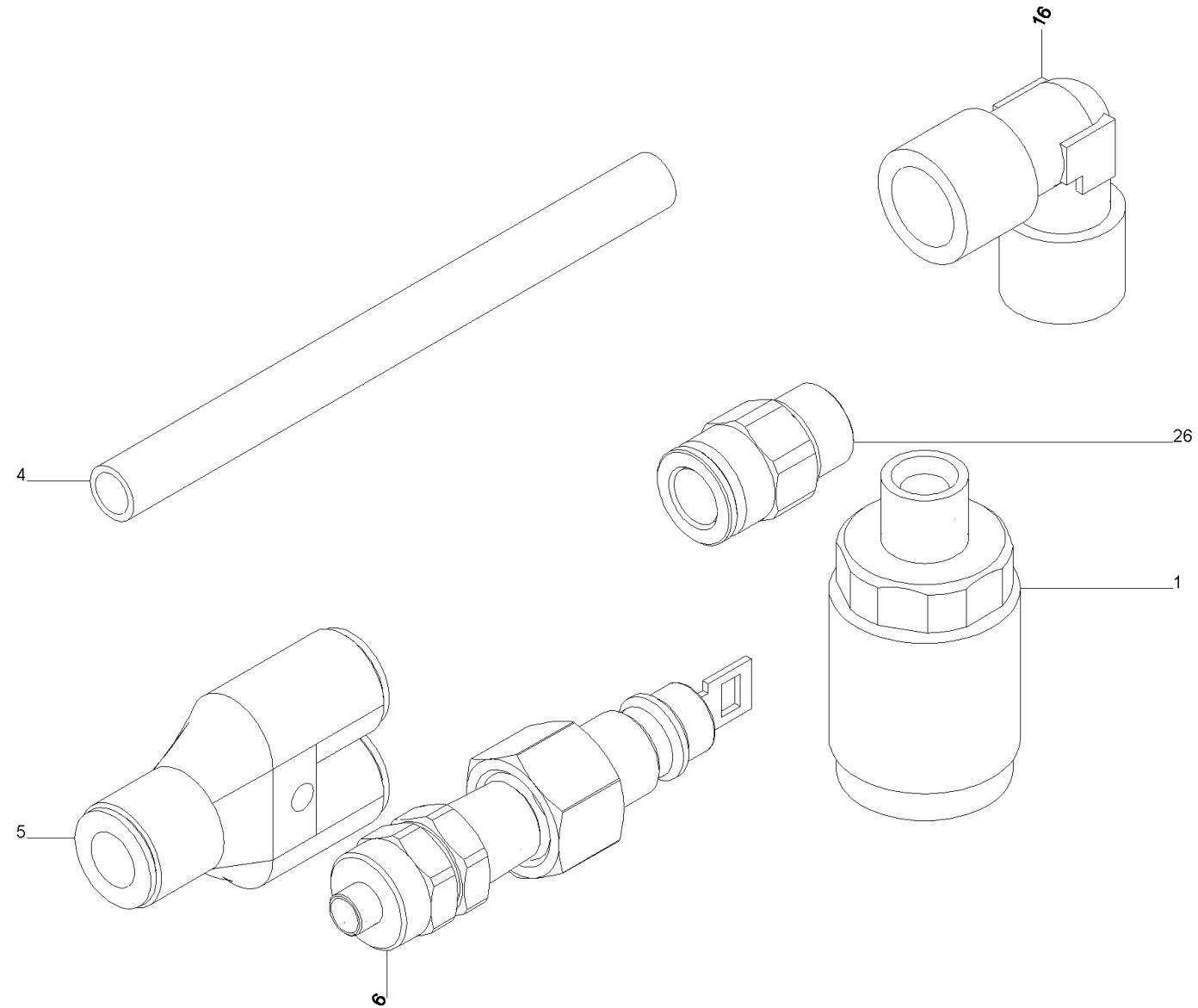
## pneumatic control

105747040

packaging machine (RM)\basic machine\pneumatics\to print\pneumatic control\pneumatic control



pos	material	document	version	description	quantity	quantity unit	SPC
10	80278111010			pressure regulator	1,000	PC	5
20	75290001300			sealing ring	2,000	PC	1
30	81141807702			reducing nipple	1,000	PC	9
40	105931699			bracket	1,000	PC	9
50	105534015			threaded coupling	1,000	PC	9
80	80431151210			manometer	1,000	PC	5
90	81141192202			barrel nipple	2,000	PC	9
100	81113115200			ball valve	1,000	PC	5
110	80291114110			sound absorber	1,000	PC	3
130	81141807405			reducing nipple	1,000	PC	9
140	81141808702			T-piece	1,000	PC	9
150	19117401030			reducing nipple	1,000	PC	9
160	106022182			pressure switch	1,000	PC	5
170	105534012			threaded coupling	1,000	PC	9
180	75001060802			hexagon-head bolt	1,000	PC	9
190	75211010602			disk	1,000	PC	9
210	81141807401			reducing nipple	1,000	PC	9
220	81141806522			sealing ring	1,000	PC	9
230	11581002218	16000135102	A	pneumatic control	1,000	PC	9
250	81141808402			T-piece	1,000	PC	9
260	81141807902			reducer bell	1,000	PC	9
270	81141808202			bracket	1,000	PC	9
280	107918460			connection cable	1,000	PC	5



pneumatic control

11581002218

packaging machine (RM)\basic machine\pneumatics\to print\pneumatic control\pneumatic control\pneumatic control

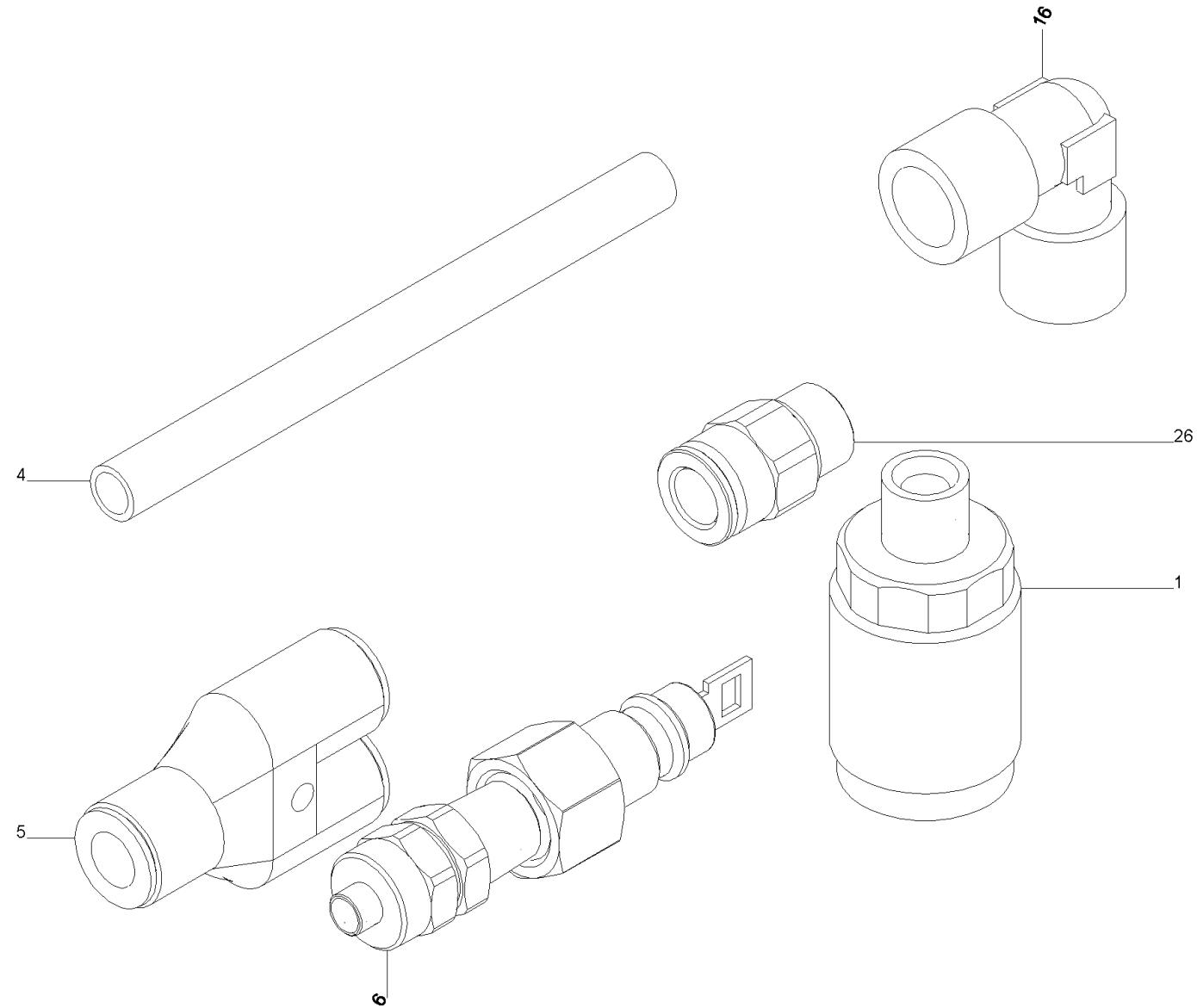


pos	material	document	version	description	quantity	quantity unit	SPC
1	81142111005			quick-close coupling	1,000	PC	9
4	81811251304			pa tube	1,000	M	9
5	81141842102			threaded coupling	1,000	PC	9
6	101987046			clutch	1,000	PC	9
16	81141808302			bracket	1,000	PC	9
26	81141840107			threaded coupling	1,000	PC	9

pneumatic control

11581002218

packaging machine (RM)\basic machine\pneumatics\to print\pneumatic control



**pneumatic control**

11581002218

packaging machine (RM)\basic machine\pneumatics\to print\pneumatic control



pos	material	document	version	description	quantity	quantity unit	SPC
1	81142111005			quick-close coupling	1,000	PC	9
4	81811251304			pa tube	1,000	M	9
5	81141842102			threaded coupling	1,000	PC	9
6	101987046			clutch	1,000	PC	9
16	81141808302			bracket	1,000	PC	9
26	81141840107			threaded coupling	1,000	PC	9

cutting  
108373352

packaging machine (RM)\basic machine\pneumatics\cutting



keine Zeichnung vorhanden  
no drawing available

**cutting**  
**108373352**

**packaging machine (RM)\basic machine\pneumatics\cutting**

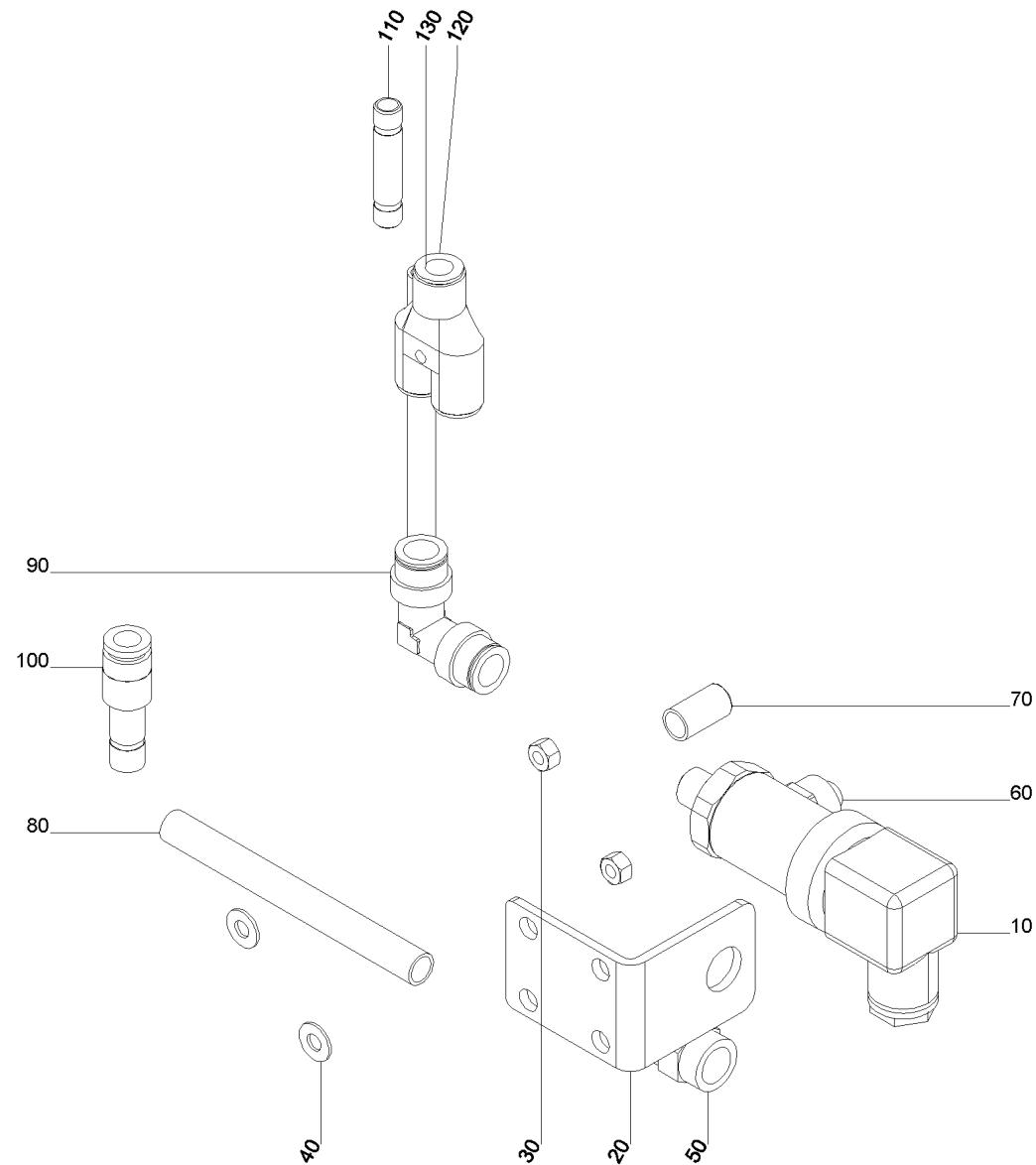


pos	material	document	version	description	quantity	quantity unit	SPC
10	105145353	16000199107	0	vacuum meas. sys. for pneu.	1,000	PC	9
20	105876011	16000010430	0	pneumatic control	1,000	PC	N
30	106913108	16000306557	D	main control aggregate	1,000	PC	9

vacuum meas. sys. for pneu.

105145353

packaging machine (RM)\basic machine\pneumatics\cutting\vacuum meas. sys. for pneu.



vacuum meas. sys. for pneu.

105145353

packaging machine (RM)\basic machine\pneumatics\cutting\vacuum meas. sys. for pneu.



pos	material	document	version	description	quantity	quantity unit	SPC
10	106603567			pressure transducer	1,000	PC	5
20	11581967095			bracket	1,000	PC	9
30	75200000502			hexagon nut	2,000	PC	9
40	19717105230			disk	2,000	PC	9
50	81141807803			muffle	1,000	PC	9
60	81141803811			screw fitting	1,000	PC	9
70	107920626			cover flap	1,000	PC	9
80	81811251083			pa tube	1,500	M	9
90	81141842504			threaded coupling	1,000	PC	9
100	81141839908			reduction piece	1,000	PC	9
110	81141839503			plug nipple	1,000	PC	9
120	81141842102			threaded coupling	1,000	PC	9
130	81811251304			pa tube	0,500	M	9
999	106498292			connection cable	1,000	PC	5

pneumatic control

105876011

packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control



keine Zeichnung vorhanden  
no drawing available

**pneumatic control**

105876011

packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control

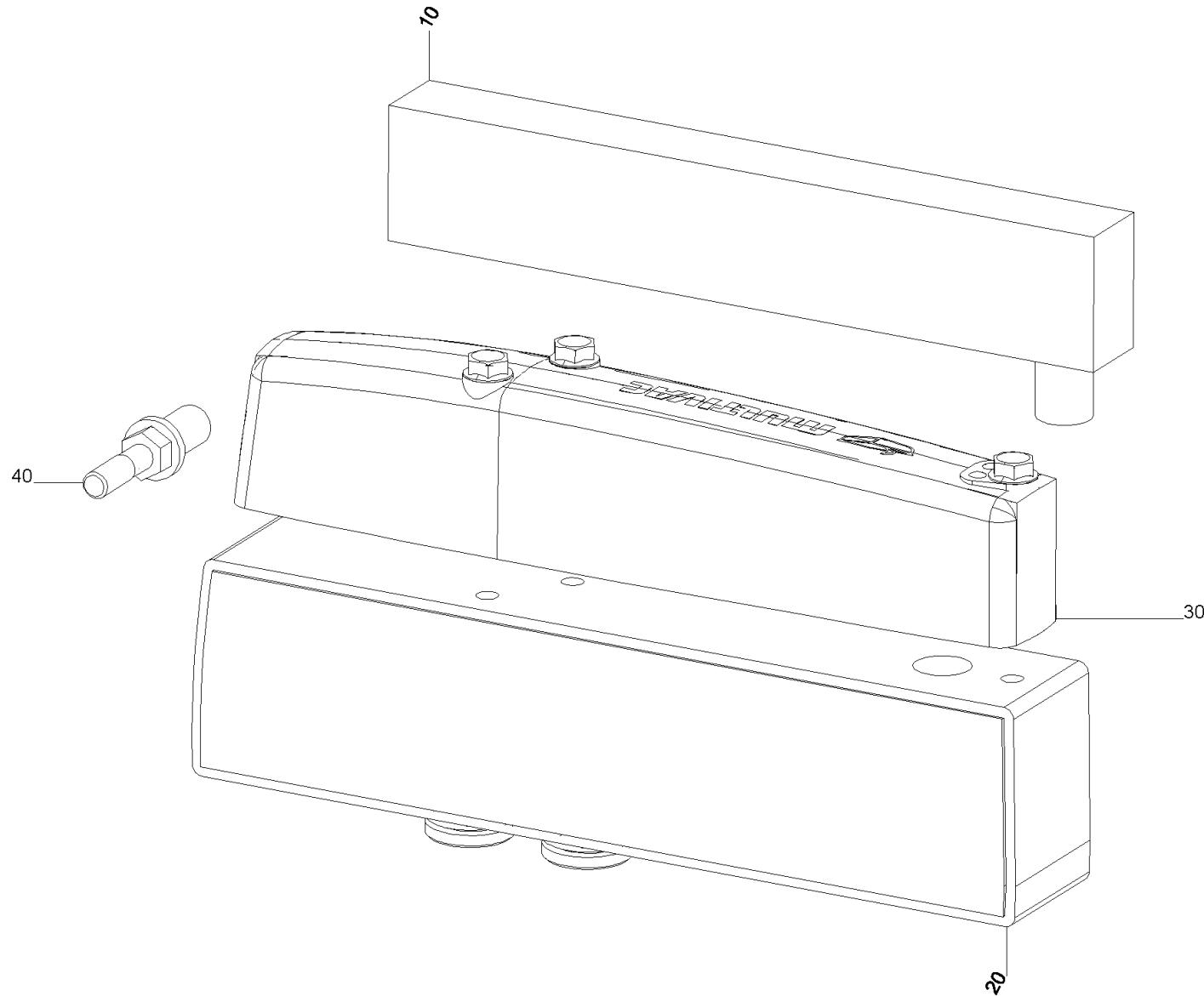


pos	material	document	version	description	quantity	quantity unit	SPC
10	105436723	16000062443	A	solenoid valve	1,000	PC	9
20	81141839003			cap plug	1,000	PC	9
30	105721216	16000073388	A	throttle/check valve	1,000	PC	5
50	105875679	16000136173	A	pressure regulator	1,000	PC	9
60	105745780	16000056116	A	pressure regulator	1,000	PC	9
70	81811251304			pa tube	15,000	M	9
80	81141839802			Magnification	2,000	PC	9
90	81141839002			cap plug	2,000	PC	9
100	81141842102			threaded coupling	1,000	PC	9

solenoid valve

105436723

packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control\solenoid valve



**solenoid valve**

**105436723**

**packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control\solenoid valve**

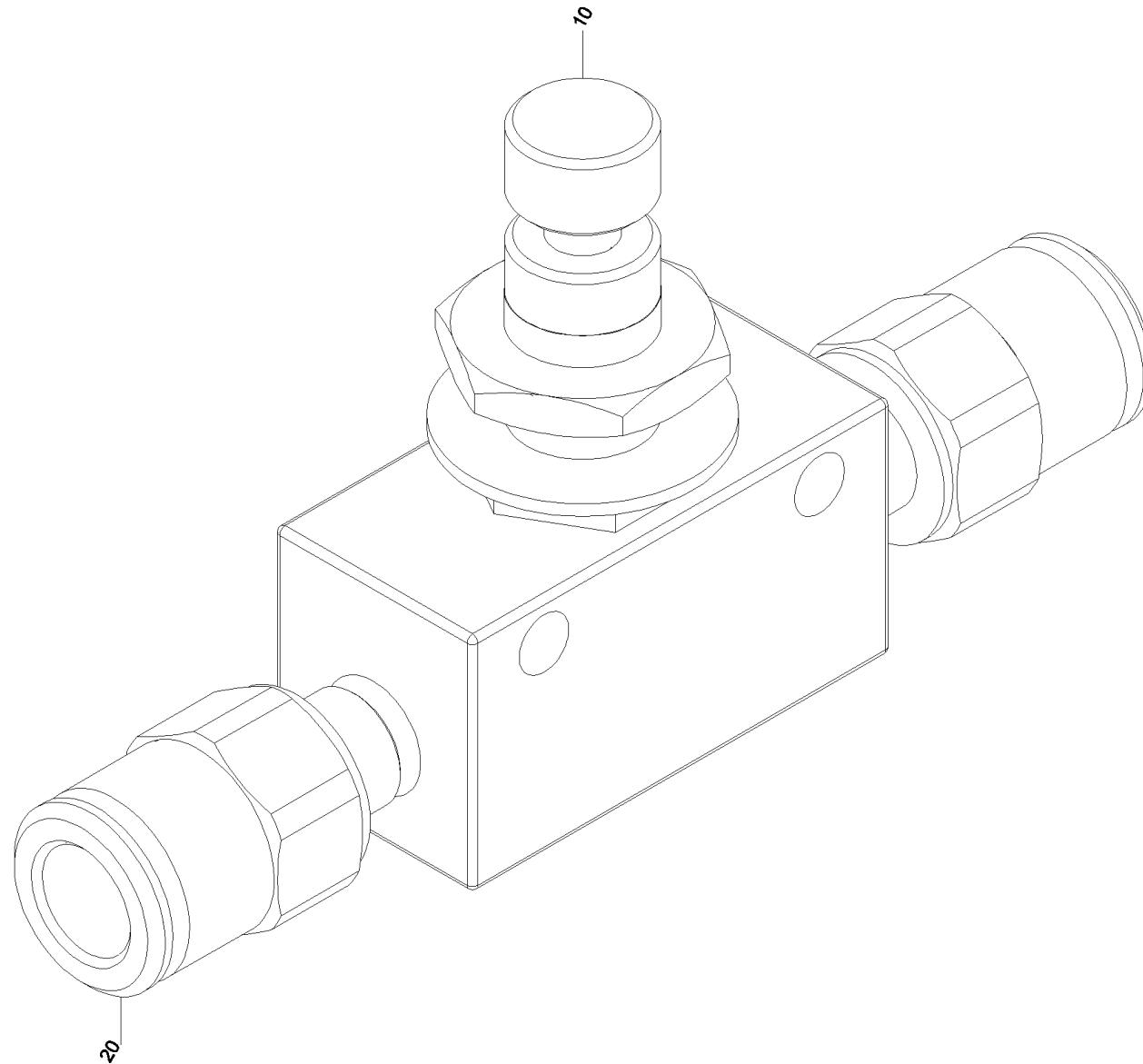


pos	material	document	version	description	quantity	quantity unit	SPC
10	105401184			valve 2x3/2	1,000	PC	3
20	105399475			passage plate	1,000	PC	3
30	105402075			valve cover	1,000	PC	3
40	105410831			tie bolt	1,000	PC	9
50	105564660			seal	1,000	PC	9
60	105564659			seal	1,000	PC	9

throttle/check valve

105721216

packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control\throttle/check valve



throttle/check valve

105721216

packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control\throttle/check valve

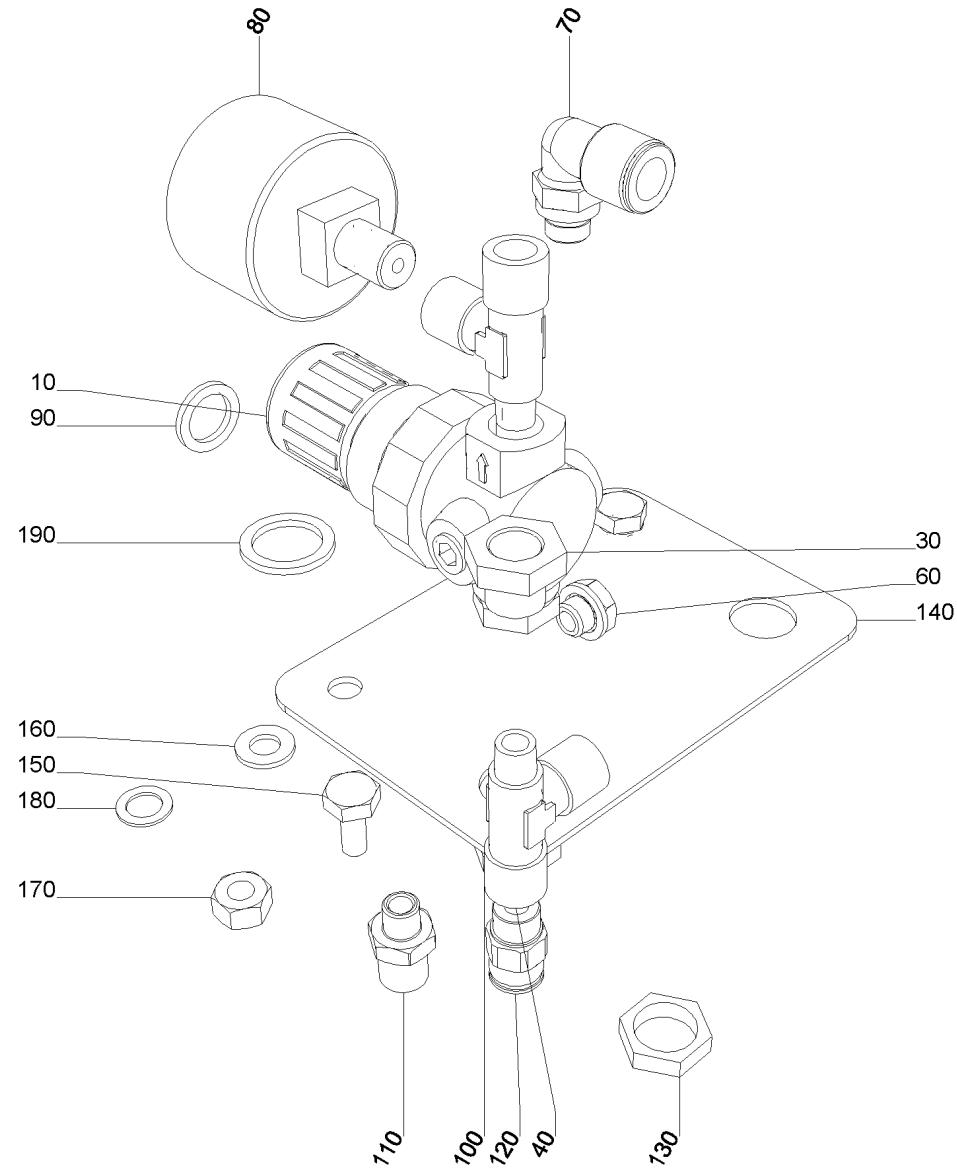


pos	material	document	version	description	quantity	quantity unit	SPC
10	80272211220			throttle/check valve	1,000	PC	5
20	81141840106			threaded coupling	2,000	PC	9

pressure regulator

105875679

packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control\pressure regulator



**pressure regulator**

**105875679**

**packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control\pressure regulator**

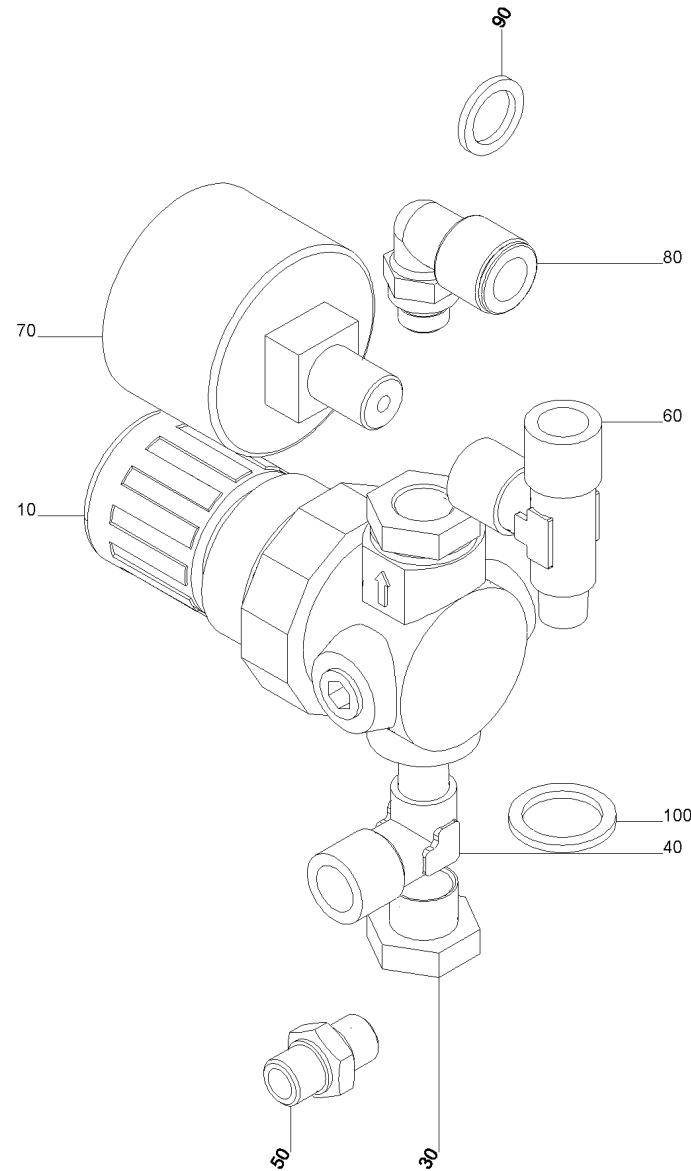


pos	material	document	version	description	quantity	quantity unit	SPC
10	80278111010			pressure regulator	1,000	PC	5
30	81141807702			reducing nipple	2,000	PC	9
40	81141808601			T-piece	2,000	PC	9
60	75206091200			screw plug	1,000	PC	9
70	105534015			threaded coupling	1,000	PC	9
80	80431151210			manometer	1,000	PC	5
90	81141806522			sealing ring	2,000	PC	9
100	81141807705			reducing nipple	1,000	PC	9
110	81141807201			reducing double nipple	1,000	PC	9
120	81141840107			threaded coupling	1,000	PC	9
130	19131101360			screw nut	1,000	PC	9
140	105767740			mount	1,000	PC	N
150	75001081102			hexagon-head bolt	2,000	PC	9
160	75211010802			disk	2,000	PC	9
170	75200000802			hexagon nut	2,000	PC	9
180	75210070802			thrust washer	2,000	PC	9
190	81141806523			sealing ring	2,000	PC	9

pressure regulator

105745780

packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control\pressure regulator



**pressure regulator**

**105745780**

**packaging machine (RM)\basic machine\pneumatics\cutting\pneumatic control\pressure regulator**

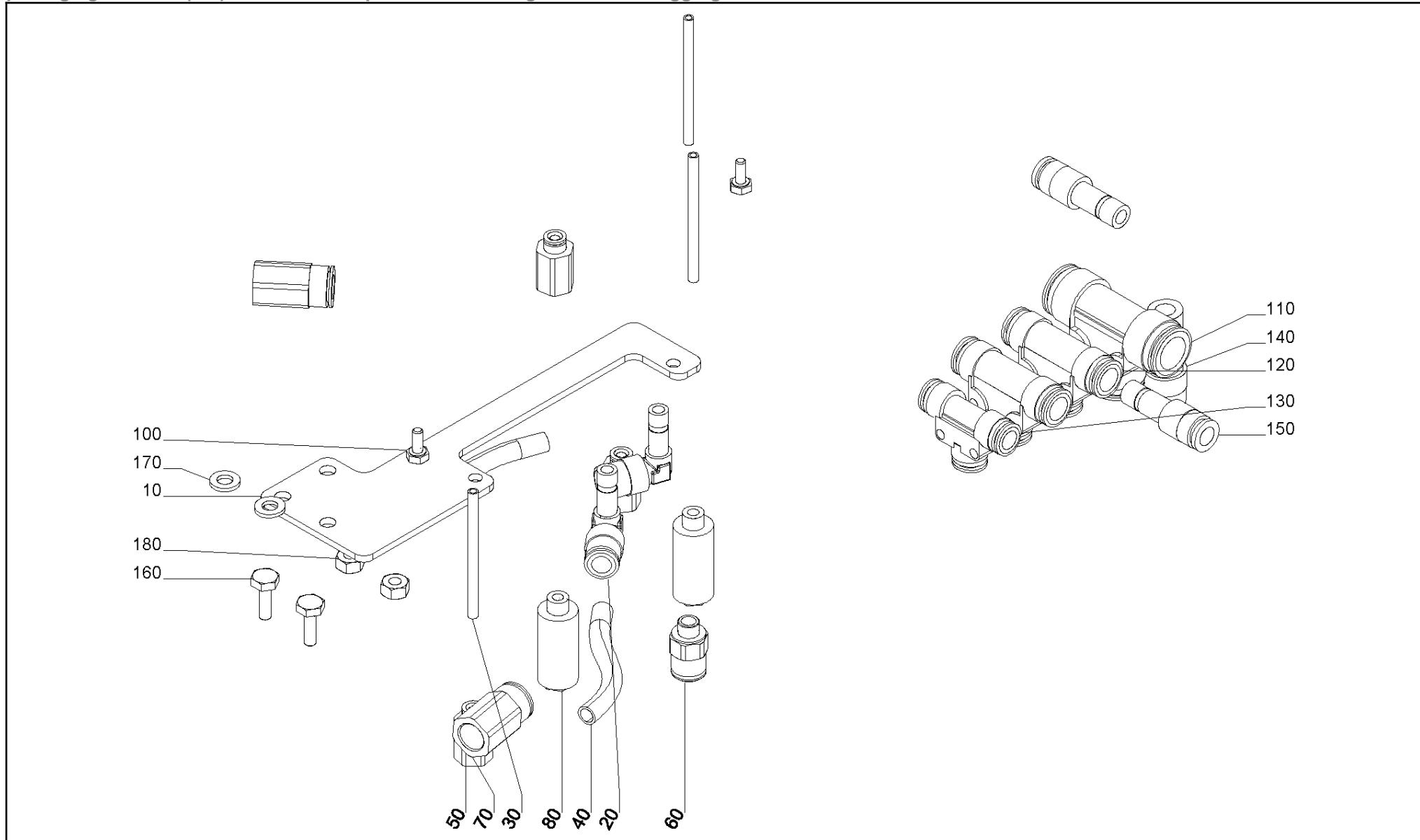


pos	material	document	version	description	quantity	quantity unit	SPC
10	80278111010			pressure regulator	1,000	PC	5
30	81141807702			reducing nipple	2,000	PC	9
40	81141808201			bracket	1,000	PC	9
50	81141807001			barrel nipple	1,000	PC	9
60	81141808601			T-piece	1,000	PC	9
70	80431151210			manometer	1,000	PC	5
80	105534015			threaded coupling	1,000	PC	9
90	81141806522			sealing ring	1,000	PC	9
100	81141806523			sealing ring	2,000	PC	9

main control aggregate

106913108

packaging machine (RM)\basic machine\pneumatics\cutting\main control aggregate



main control aggregate

106913108

packaging machine (RM)\basic machine\pneumatics\cutting\main control aggregate



pos	material	document	version	description	quantity	quantity unit	SPC
10	106861485			mount	1,000	PC	N
20	81141842402			threaded coupling	2,000	PC	9
30	81811251301			pa tube	0,300	M	9
40	81811251304			pa tube	4,500	M	9
50	81141840301			threaded coupling	3,000	PC	9
60	81141840106			threaded coupling	1,000	PC	9
70	81141840307			threaded coupling	2,000	PC	9
80	105230248			sound absorber	2,000	PC	3
100	75001050802			hexagon-head bolt	2,000	PC	9
110	81141842606			threaded coupling	1,000	PC	9
120	81141842604			threaded coupling	2,000	PC	9
130	81141842603			threaded coupling	1,000	PC	9
140	81141839911			reduction piece	1,000	PC	9
150	81141839908			reduction piece	2,000	PC	9
160	75001061102			hexagon-head bolt	2,000	PC	9
170	75211010602			disk	2,000	PC	9
180	75200000602			hexagon nut	2,000	PC	9

pack  
108373353

packaging machine (RM)\basic machine\pneumatics\pack



keine Zeichnung vorhanden  
no drawing available

pack

108373353

packaging machine (RM)\basic machine\pneumatics\pack

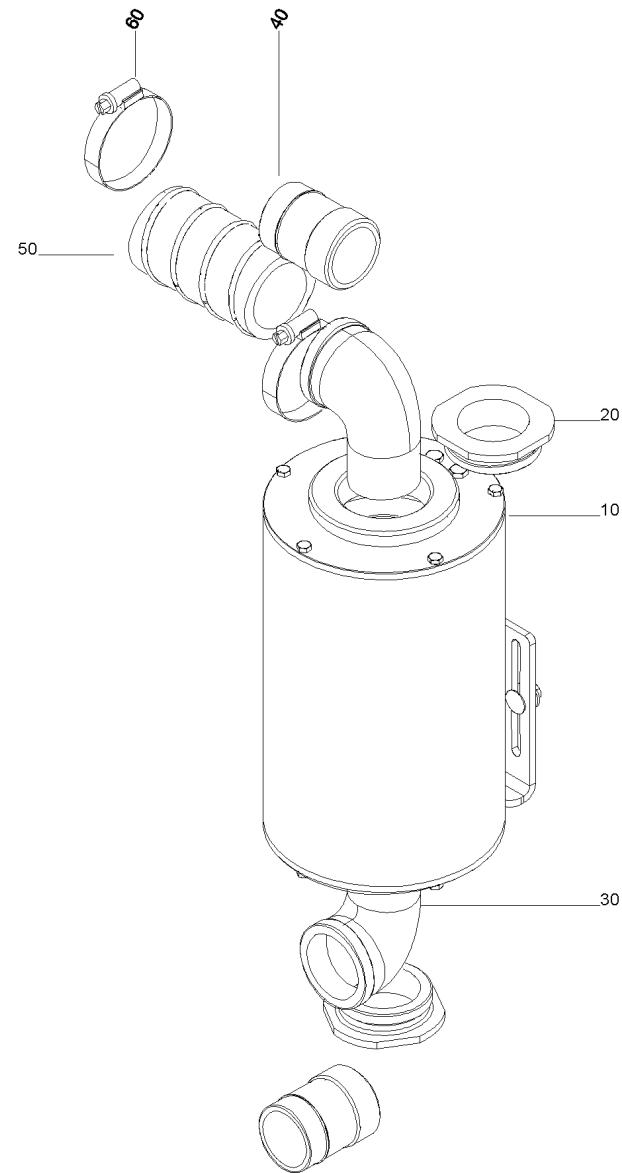


pos	material	document	version	description	quantity	quantity unit	SPC
10	106908903	16000306810	0	discharged air damper	1,000	PC	9

discharged air damper

106908903

packaging machine (RM)\basic machine\pneumatics\pack\discharged air damper



**discharged air damper**

**106908903**

**packaging machine (RM)\basic machine\pneumatics\pack\discharged air damper**

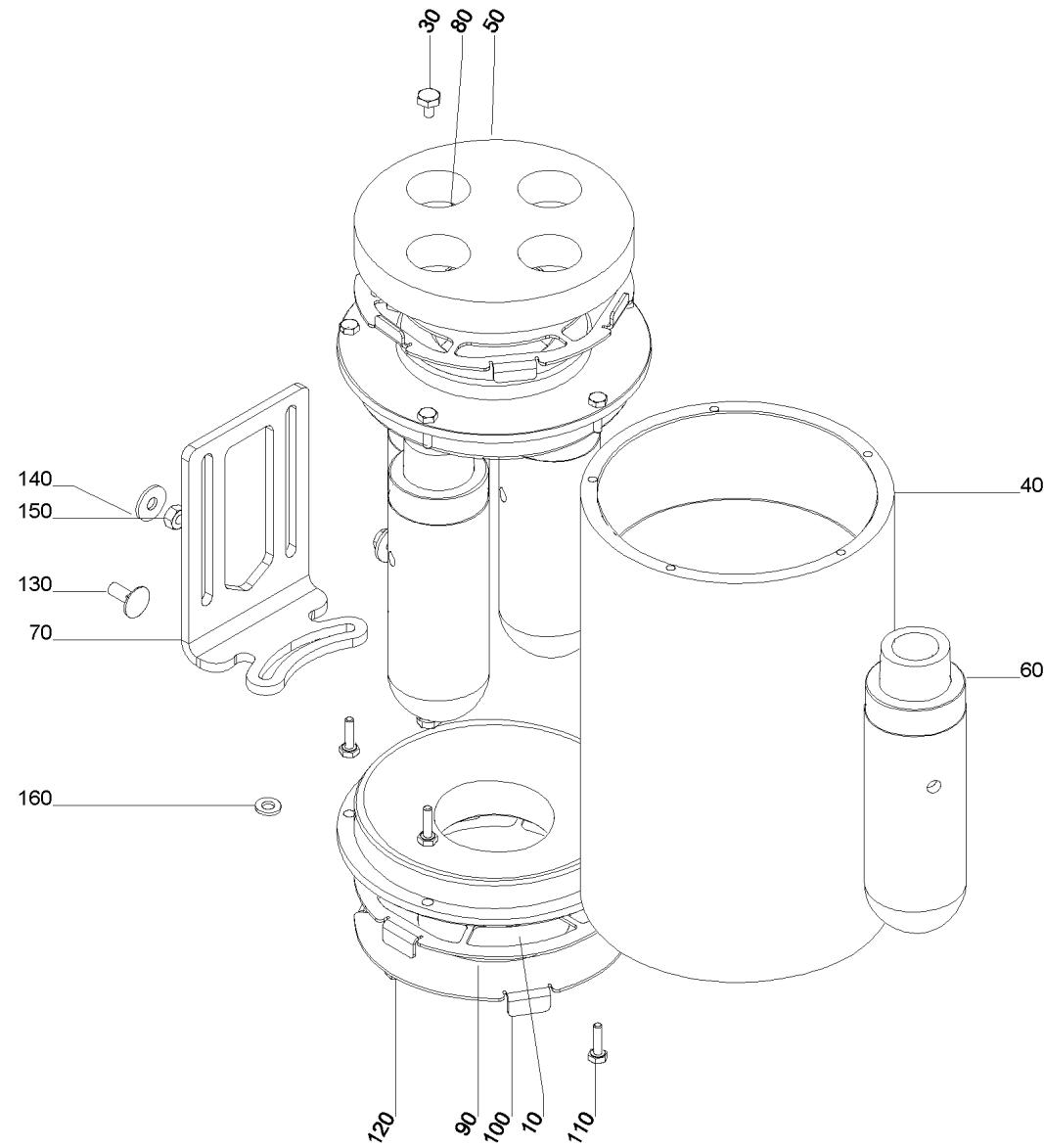


pos	material	document	version	description	quantity	quantity unit	SPC
10	106894572	16000301527	0	sound absorber	1,000	PC	3
20	19117401220			reduction piece	2,000	PC	9
30	81151211608			bracket	2,000	PC	9
40	19103211035			hose connection piece	2,000	PC	9
50	81817101115			spiral hose	1,500	M	9
60	105071499			hose clamp with worm gear drive	2,000	PC	9

sound absorber

106894572

packaging machine (RM)\basic machine\pneumatics\pack\discharged air damper\sound absorber



## sound absorber

106894572

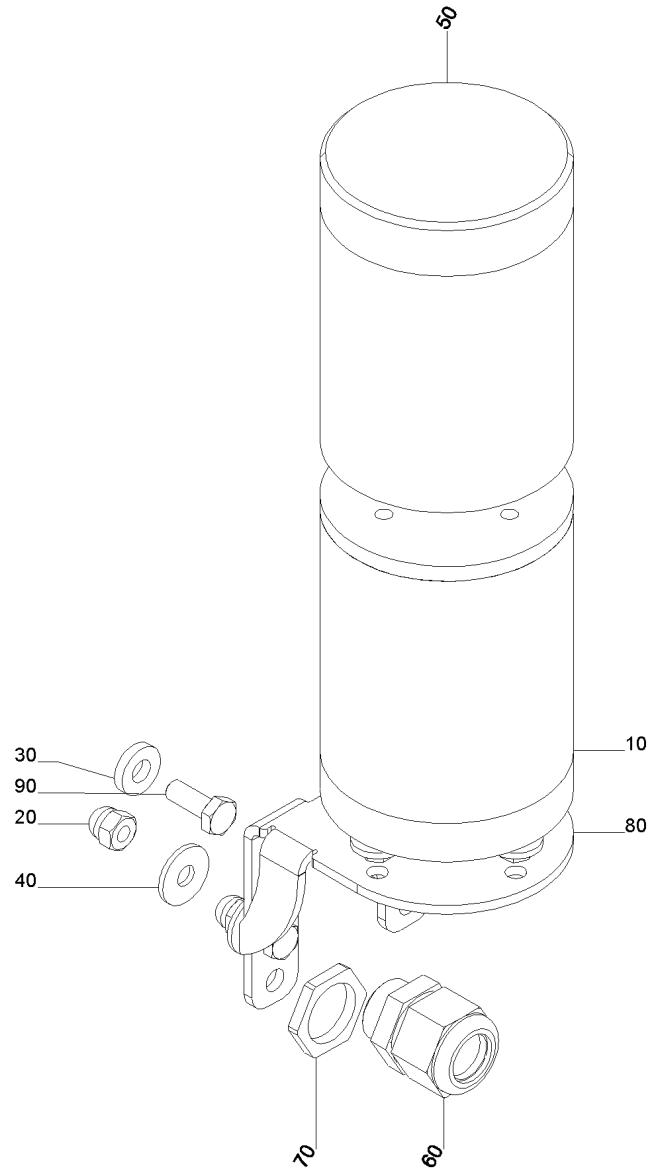
packaging machine (RM)\basic machine\pneumatics\pack\discharged air damper\sound absorber



pos	material	document	version	description	quantity	quantity unit	SPC
10	106894544			lid	2,000	PC	9
30	75001060602			hexagon-head bolt	2,000	PC	9
40	106894542			pipe	1,000	PC	9
50	106894545			disk	1,000	PC	9
60	11181890000			sound absorber	4,000	PC	3
70	106894648			bracket	1,000	PC	9
80	106894546			sheet	1,000	PC	9
90	106894543			sheet	1,000	PC	9
100	106894548			sheet	1,000	PC	9
110	75001051102			hexagon-head bolt	10,000	PC	9
120	75001061102			hexagon-head bolt	2,000	PC	9
130	75070061102			flat-head bolt	2,000	PC	9
140	75211030602			disk	2,000	PC	9
150	75200000602			hexagon nut	2,000	PC	9
160	75211010602			disk	2,000	PC	9

signal light  
107827865

packaging machine (RM)\basic machine\signal light



signal light

107827865

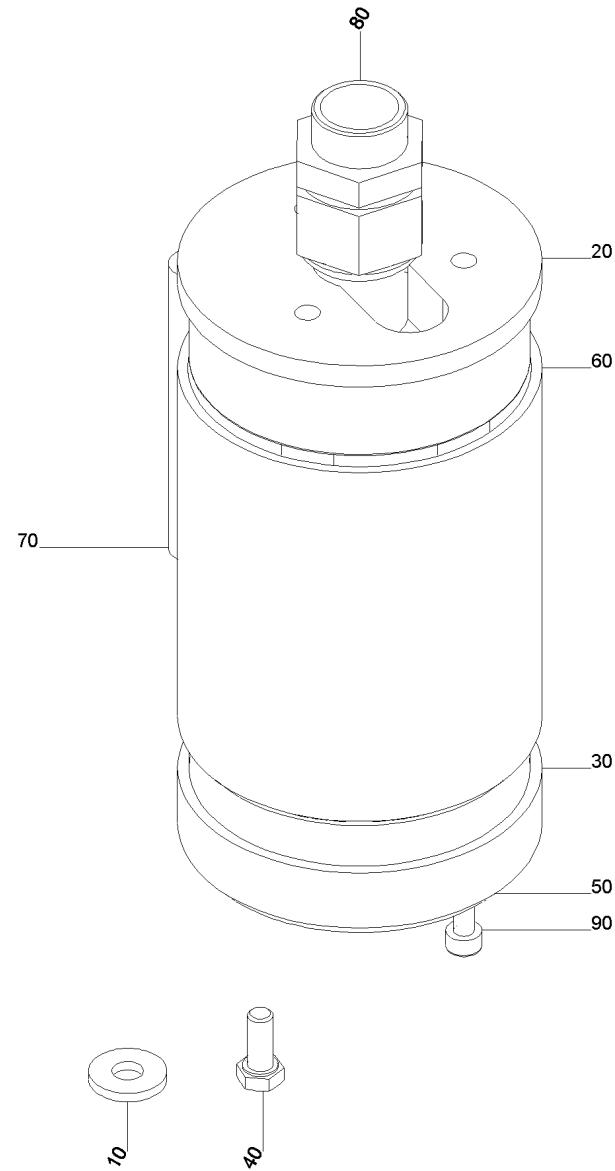
packaging machine (RM)\basic machine\signal light



pos	material	document	version	description	quantity	quantity unit	SPC
10	107827863	16000533281	0	connecting piece	1,000	PC	9
20	75200300602			cap nut	4,000	PC	9
30	106041575			disk	4,000	PC	9
40	75211030602			disk	4,000	PC	9
50	107788017			connecting element	1,000	PC	9
60	85131114912			screwed cable gland	2,000	PC	9
70	85131102022			screw nut	1,000	PC	9
80	107286448			mount	1,000	PC	9
90	75001061116			hexagon-head bolt	4,000	PC	9
100	105865495			control line	5,000	M	9

connecting piece  
107827863

packaging machine (RM)\basic machine\signal light\connecting piece



connecting piece

107827863

packaging machine (RM)\basic machine\signal light\connecting piece

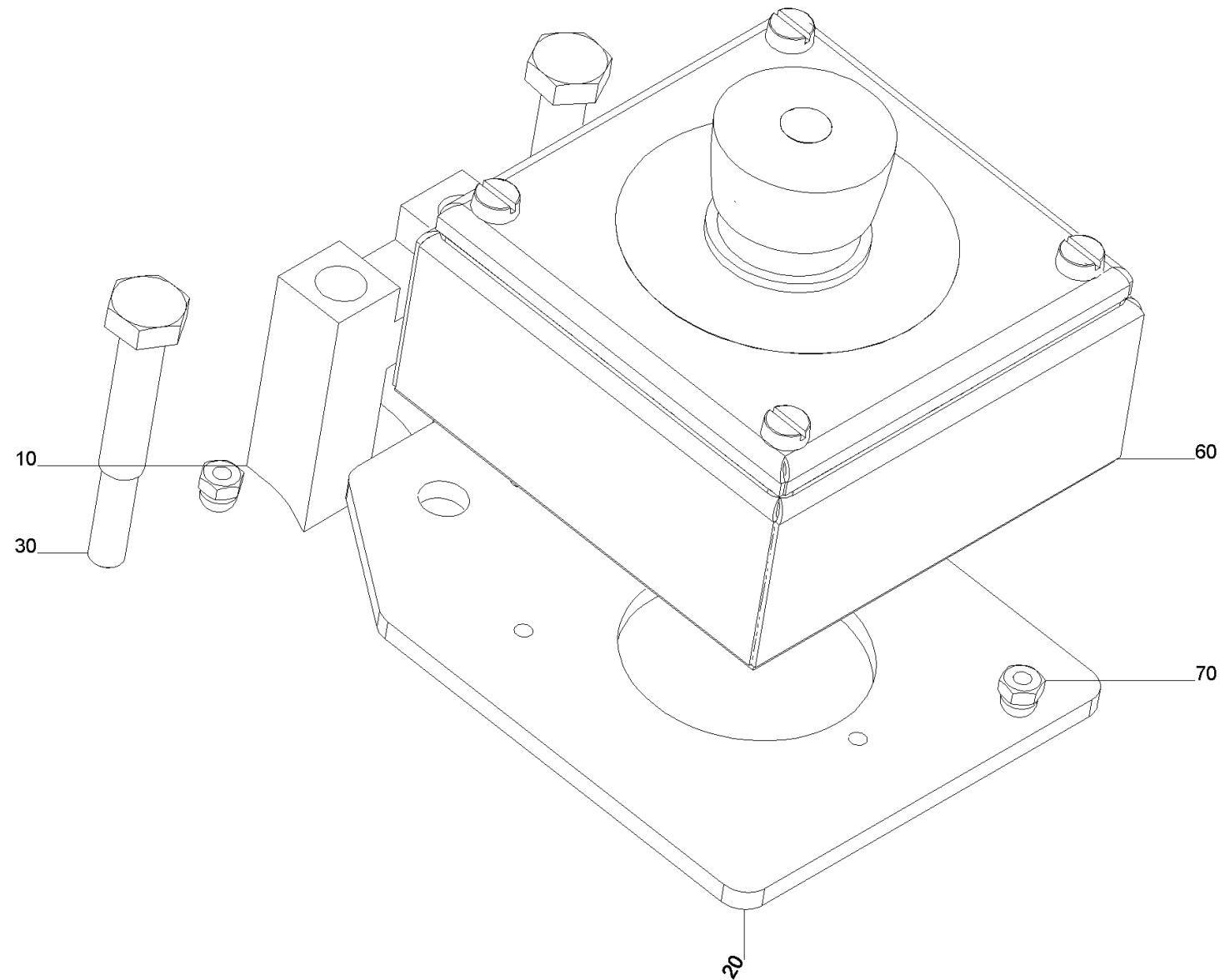


pos	material	document	version	description	quantity	quantity unit	SPC
10	19717106710			disk	4,000	PC	9
20	105821756			plate	1,000	PC	9
30	106954295			plate	1,000	PC	9
40	75001050902			hexagon-head bolt	4,000	PC	9
50	78301062200			o-ring	1,000	PC	1
60	105854326			pipe	1,000	PC	9
70	105854325			axis	3,000	PC	9
80	85131114912			screwed cable gland	1,000	PC	9
90	75010041302			cylindrical screw	3,000	PC	9

emergency stop button

105716374

packaging machine (RM)\basic machine\emergency stop button



**emergency stop button**

105716374

packaging machine (RM)\basic machine\emergency stop button

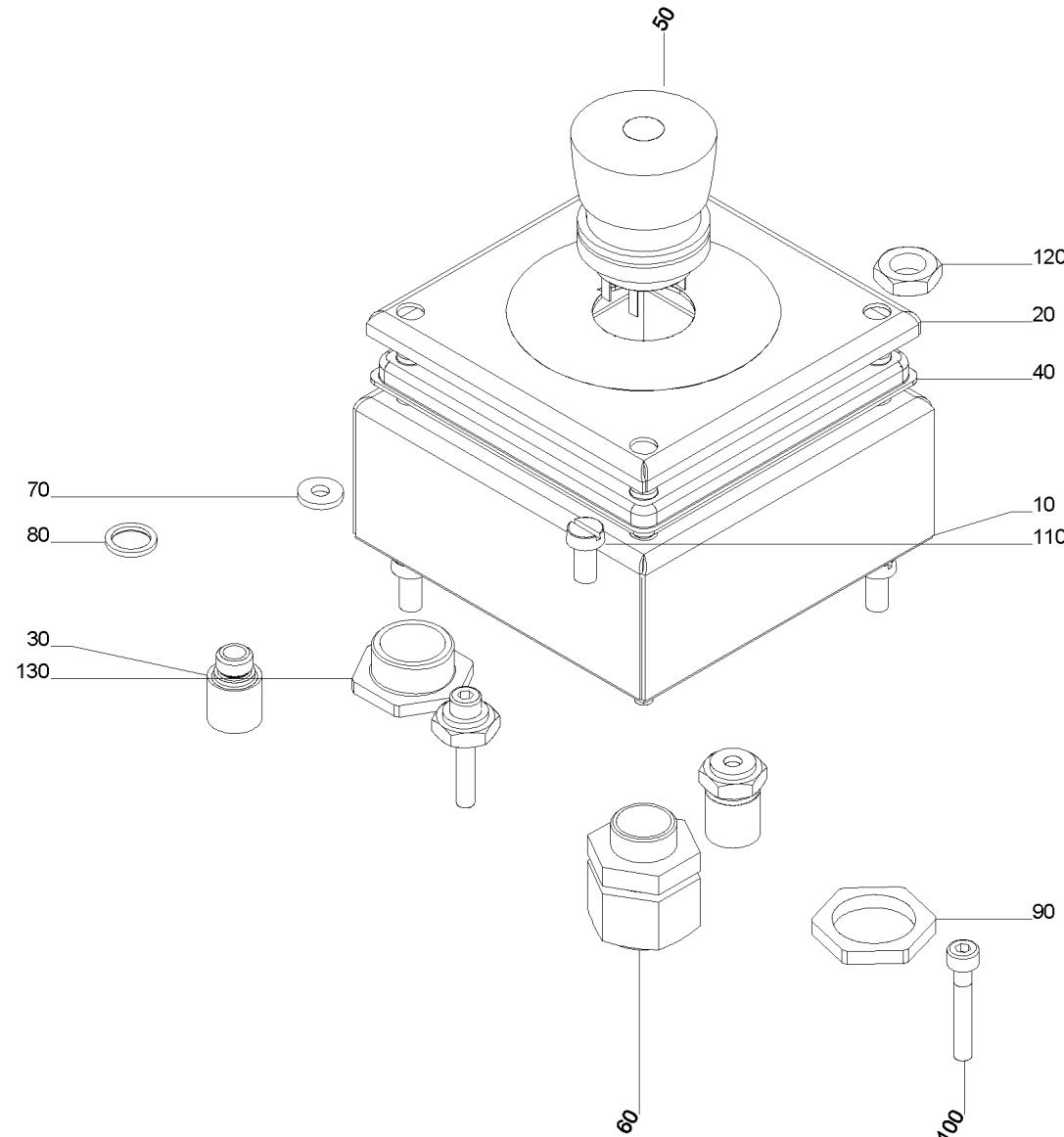


pos	material	document	version	description	quantity	quantity unit	SPC
10	107254688			mount	1,000	PC	9
20	105716246			sheet	1,000	PC	9
30	75000082202			hexagon-head bolt	2,000	PC	9
60	107157744	16000377866	B	emergency stop button	1,000	PC	N
70	105570093			cap nut	3,000	PC	9

emergency stop button

107157744

packaging machine (RM)\basic machine\emergency stop button\emergency stop button



**emergency stop button**

107157744

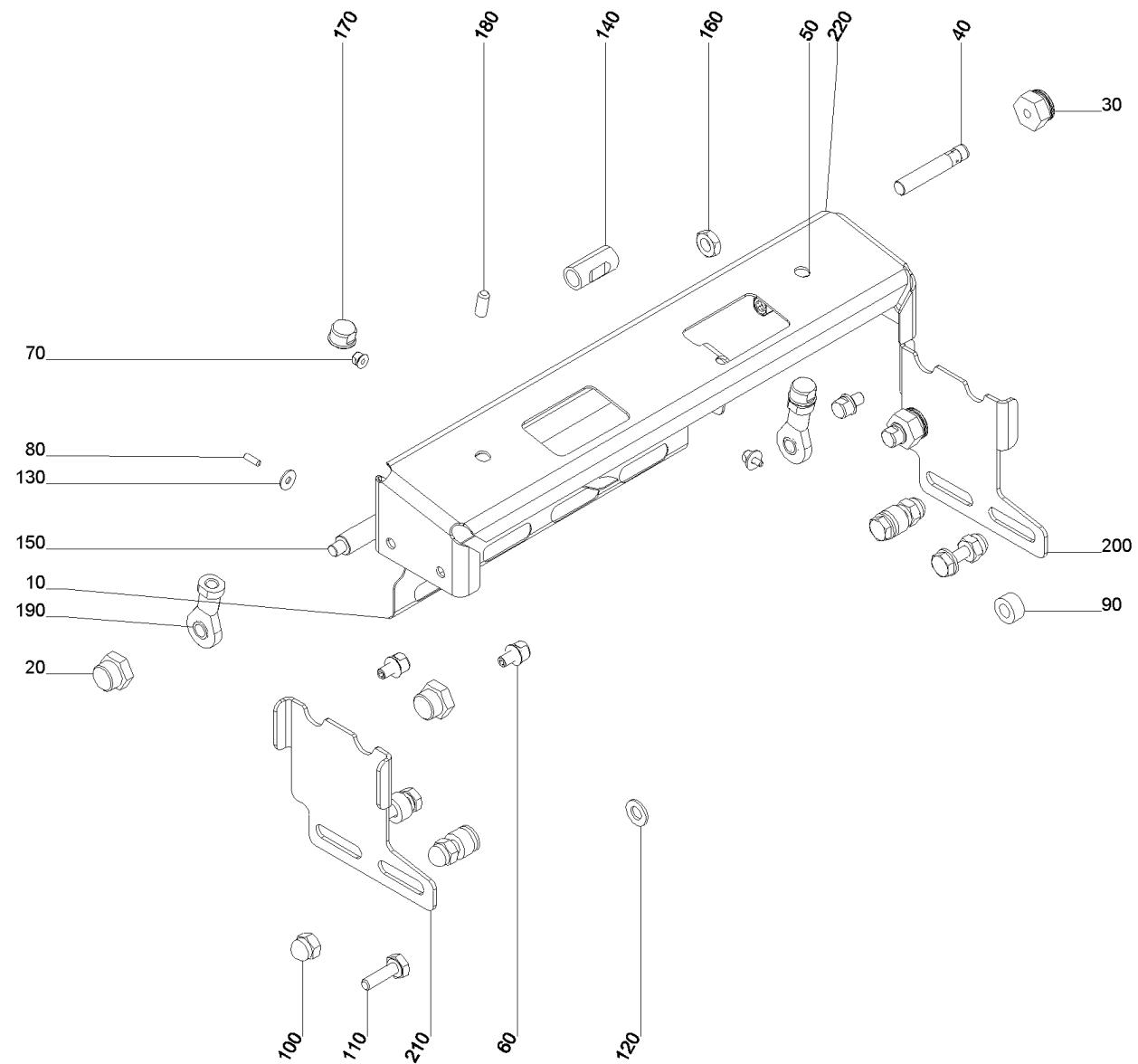
packaging machine (RM)\basic machine\emergency stop button\emergency stop button



pos	material	document	version	description	quantity	quantity unit	SPC
10	107157809			sheet	1,000	PC	9
20	106959698			lid	1,000	PC	N
30	106962406			shaft	3,000	PC	9
40	106762339			seal	1,000	PC	5
50	105111741			palm button	1,000	PC	5
60	85131114911			screwed cable gland	1,000	PC	9
70	107072700			seal disc	3,000	PC	9
80	106219078			seal disc	3,000	PC	9
90	85131102022			screw nut	1,000	PC	9
100	75010041502			cylindrical screw	3,000	PC	9
110	75015050802			cylindrical screw	4,000	PC	9
120	75200050802			hexagon nut	3,000	PC	9
130	85131103012			reduction	1,000	PC	9

monitoring device  
107298752

packaging machine (RM)\basic machine\monitoring device



## monitoring device

107298752

packaging machine (RM)\basic machine\monitoring device

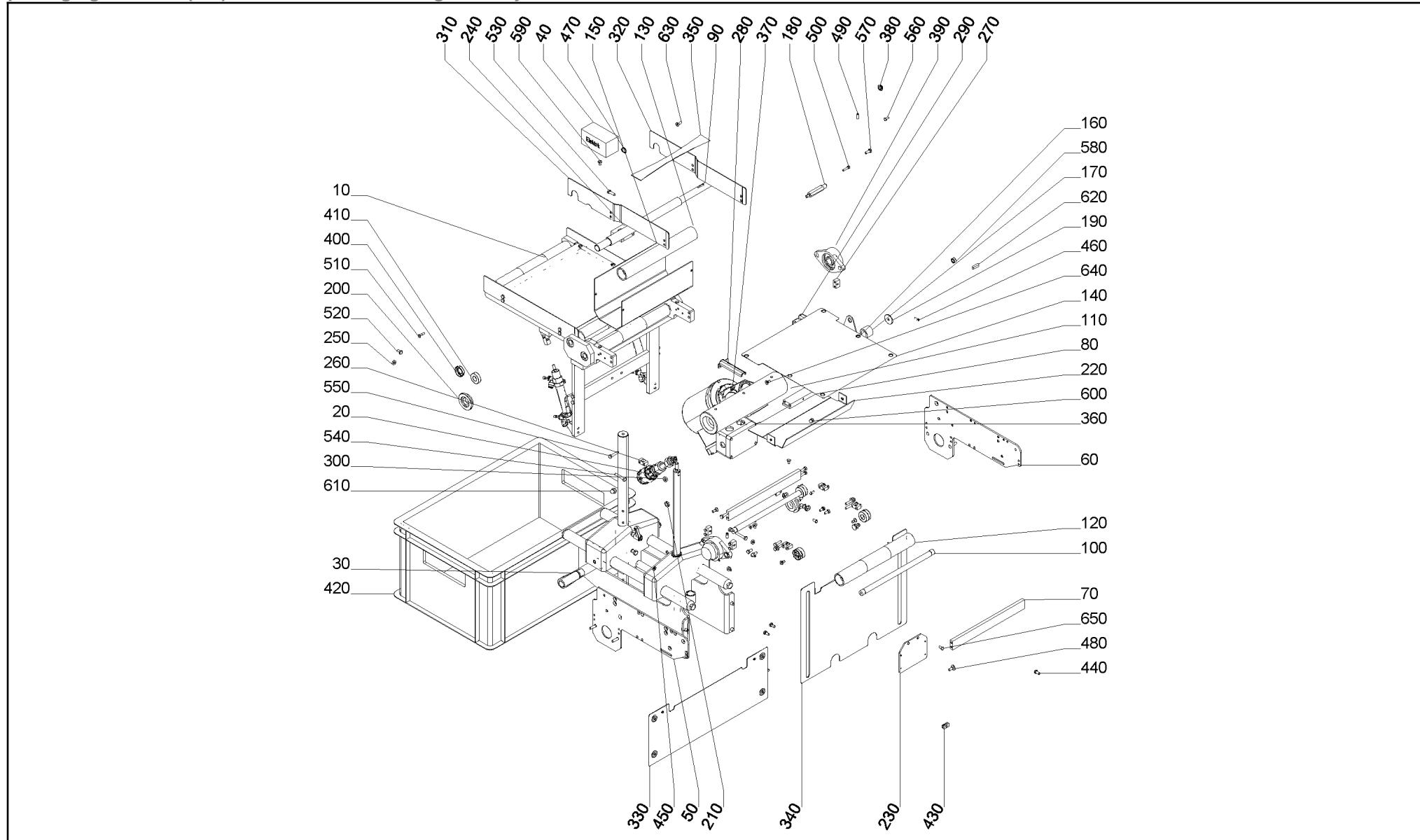


pos	material	document	version	description	quantity	quantity unit	SPC
10	107298745			sheet	1,000	PC	N
20	105707255			stud	2,000	PC	9
30	105707306			centering pin	2,000	PC	9
40	85463102502			proximity switch	1,000	PC	3
50	107918458			connection cable	1,000	PC	5
60	106648109			Decorative head screw	4,000	PC	N
70	105738860			screw nut	2,000	PC	9
80	106029251			grub screw	2,000	PC	9
90	105293954			distance bushing	4,000	PC	9
100	105573178			cap nut	4,000	PC	9
110	75001101702			hexagon-head bolt	4,000	PC	9
120	75211011002			disk	4,000	PC	9
130	200150147			disk	2,000	PC	9
140	107226716			stud	1,000	PC	N
150	107298743			shaft	1,000	PC	9
160	75200051209			hexagon nut	1,000	PC	9
170	105463291			screw nut	2,000	PC	9
180	75052101302			grub screw	2,000	PC	9
190	107271398			articulated head	2,000	PC	9
200	105636300			mount	1,000	PC	9
210	105636299			mount	1,000	PC	9
220	107298744			conveyor plate	1,000	PC	N

## **discharge conveyor**

108372862

[packaging machine \(RM\)\basic machine\discharge conveyor](#)



## discharge conveyor

108372862

packaging machine (RM)\basic machine\discharge conveyor

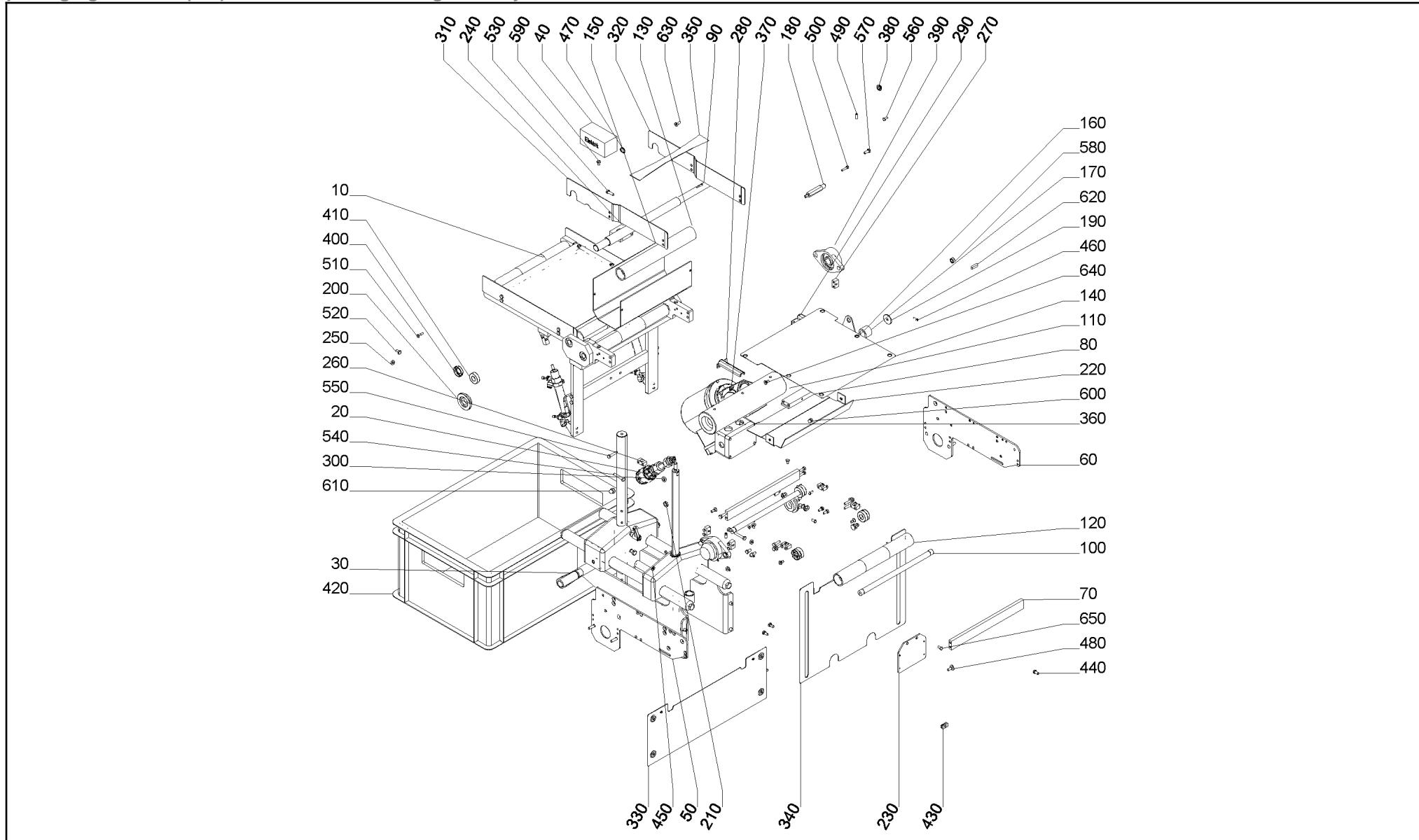


pos	material	document	version	description	quantity	quantity unit	SPC
10	107132135	16000371391	A	transfer conveyor	1,000	PC	N
20	108084479	16000592038	0	connection cable	1,000	PC	9
30	107006859	16000327630	A	adjustment unit	1,000	PC	N
40	105905325			Wiring instructions	1,000	PC	5
50	107100626			side rail	1,000	PC	9
60	107100642			side rail	1,000	PC	9
70	107133673			spacer bar	2,000	PC	9
80	107132968			bar	1,000	PC	9
90	107133849			drive shaft	1,000	PC	9
100	107133704			axis	2,000	PC	9
110	55235232860			drive roller	1,000	PC	N
120	105665721			reel	1,000	PC	5
130	107133797			reel	1,000	PC	5
140	107133945			conveyor plate	1,000	PC	9
150	107133963			guard plate	1,000	PC	9
160	105864422			Torque bracket	1,000	PC	N
170	19431120082			distance bushing	1,000	PC	9
180	105864355			stud	1,000	PC	9
190	105369592			disk	1,000	PC	9
200	101868940			disk	2,000	PC	9
210	105710883			female connector	2,000	PC	9
220	107135364			guard plate	1,000	PC	9
230	107009126			sheet	1,000	PC	N
240	105864138			clamping piece	1,000	PC	9
250	105434342			female connector	4,000	PC	9
260	107101300			block	4,000	PC	9
270	105864720			block	4,000	PC	9
280	105877051			mount	1,000	PC	9
290	105877402			mount	1,000	PC	9
300	19389000450			distance bushing	4,000	PC	9

discharge conveyor

108372862

packaging machine (RM)\basic machine\discharge conveyor



## discharge conveyor

108372862

packaging machine (RM)\basic machine\discharge conveyor

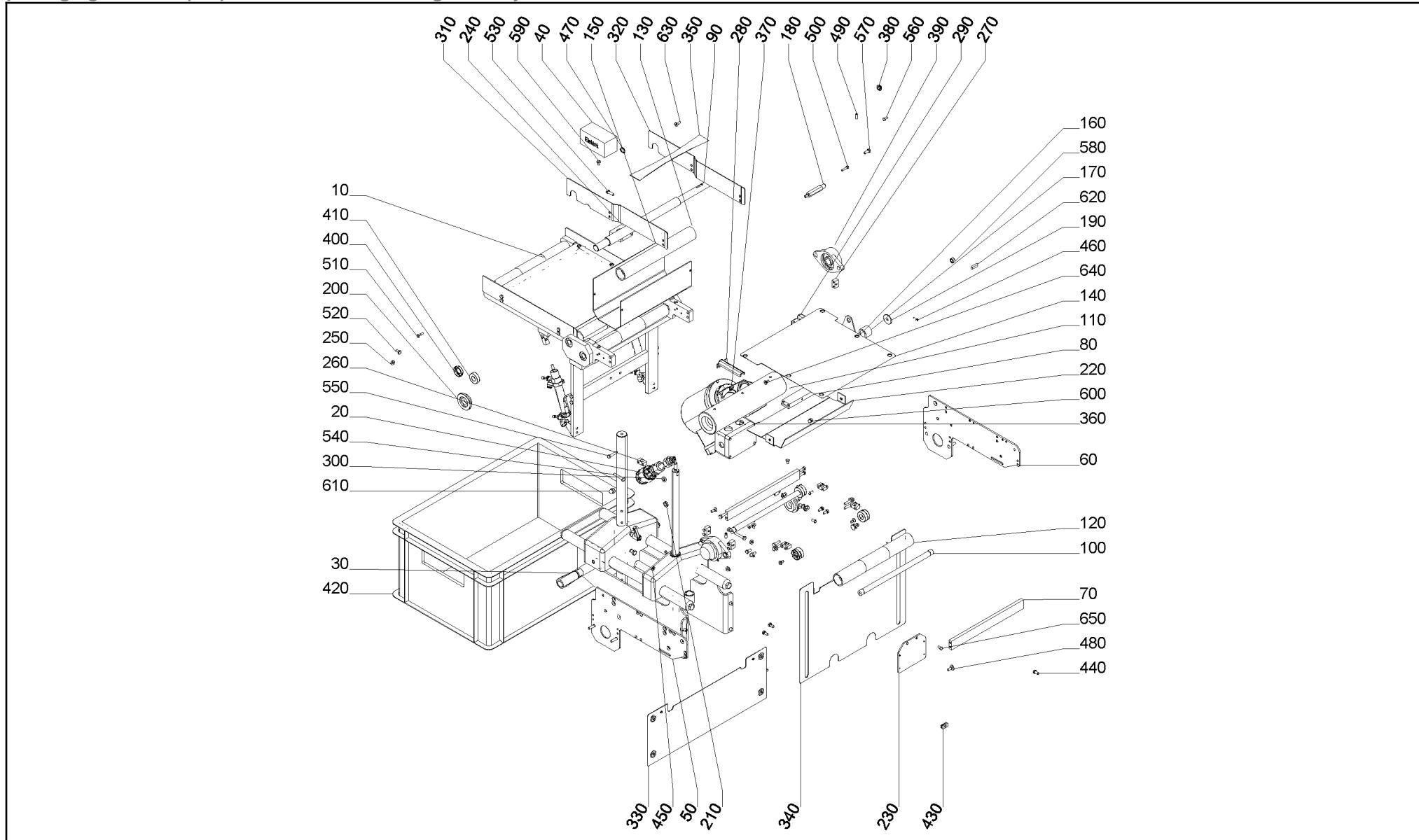


pos	material	document	version	description	quantity	quantity unit	SPC
310	107158509			baffle	1,000	PC	9
320	107158888			baffle	1,000	PC	9
330	107864175			cover	1,000	PC	9
340	108404731			infeed plate	1,000	PC	9
350	108087818			transport belt	1,000	PC	W
360	105599334			clamping box	1,000	PC	N
370	105568267			worm gear motor	1,000	PC	5
380	78725000502			slide bearings	1,000	PC	5
390	101864892			flange bearing	2,000	PC	5
400	78351015520			radial packing ring	4,000	PC	9
410	78501030204			radial deep groove ball bearing	4,000	PC	3
420	106690605			stacking container	1,000	PC	9
430	105986975			guide bush	2,000	PC	9
440	75001060916			hexagon-head bolt	10,000	PC	9
450	75211010602			disk	4,000	PC	9
460	75015040902			cylindrical screw	4,000	PC	9
470	78100001502			retaining ring	4,000	PC	9
480	75070061102			flat-head bolt	2,000	PC	9
490	75052081102			grub screw	3,000	PC	9
500	75001051316			hexagon-head bolt	8,000	PC	9
510	106227504			countersunk flat head screw	8,000	PC	9
520	75001060816			hexagon-head bolt	4,000	PC	9
530	75001061316			hexagon-head bolt	3,000	PC	9
540	75001061816			hexagon-head bolt	2,000	PC	9
550	75001061716			hexagon-head bolt	7,000	PC	9
560	75001050802			hexagon-head bolt	4,000	PC	9
570	75001061102			hexagon-head bolt	1,000	PC	9
580	75200000802			hexagon nut	1,000	PC	9
590	75021060802			countersunk flat head screw	6,000	PC	9
600	75200300602			cap nut	2,000	PC	9

discharge conveyor

108372862

packaging machine (RM)\basic machine\discharge conveyor



discharge conveyor

108372862

packaging machine (RM)\basic machine\discharge conveyor

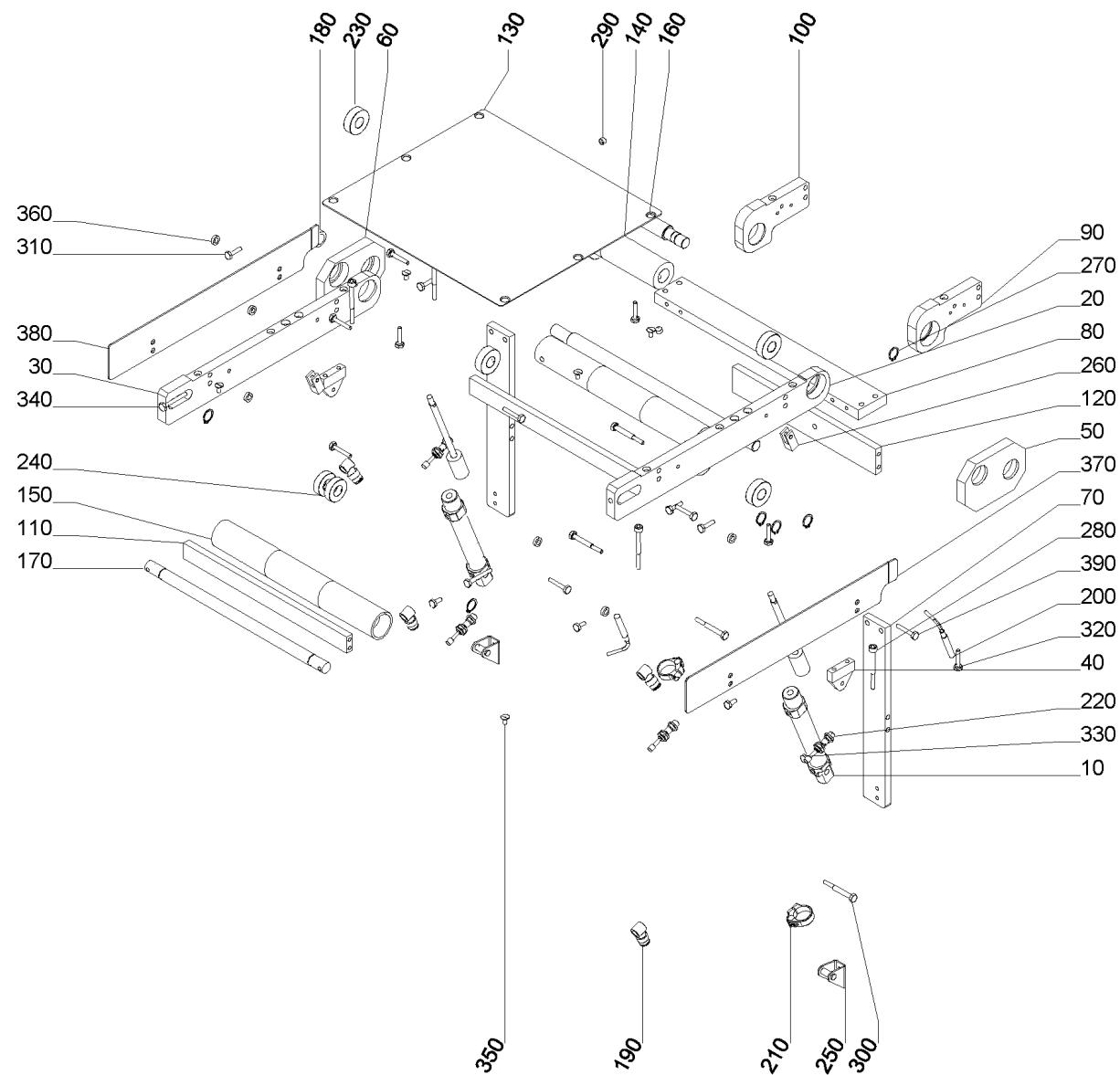


pos	material	document	version	description	quantity	quantity unit	SPC
610	75200300802			cap nut	4,000	PC	9
620	75375061030			spline	1,000	PC	9
630	75020061102			countersunk flat head screw	2,000	PC	9
640	75020060902			countersunk flat head screw	6,000	PC	9
650	75001050816			hexagon-head bolt	2,000	PC	9

transfer conveyor

107132135

packaging machine (RM)\basic machine\discharge conveyor\transfer conveyor



## transfer conveyor

107132135

packaging machine (RM)\basic machine\discharge conveyor\transfer conveyor

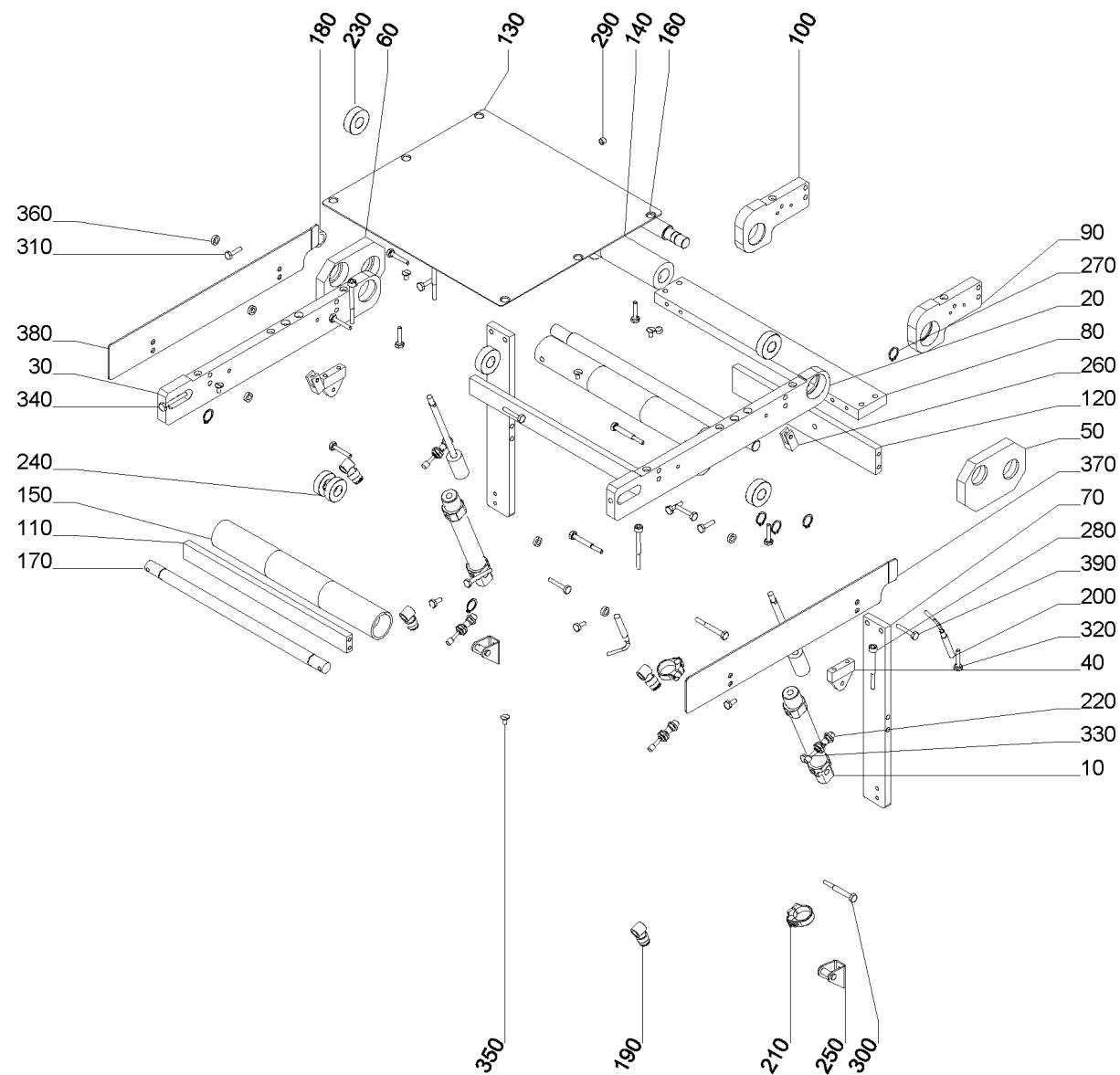


pos	material	document	version	description	quantity	quantity unit	SPC
10	108277591			pneumatic cylinder	2,000	PC	5
20	105860768			side rail	1,000	PC	9
30	105857451			side rail	1,000	PC	9
40	51032805126			mount	2,000	PC	9
50	105864744			bearing plate	1,000	PC	9
60	105864746			bearing plate	1,000	PC	9
70	105862874			holding bar	2,000	PC	N
80	107132136			cross-plate	1,000	PC	9
90	105860610			fixing plate	1,000	PC	9
100	105860755			fixing plate	1,000	PC	9
110	107133274			bar	2,000	PC	9
120	107132137			bar	1,000	PC	9
130	107132138			conveyor plate	1,000	PC	9
140	107133290			drive roller	2,000	PC	5
150	19299010290			reel	1,000	PC	N
160	107132139			drive shaft	2,000	PC	9
170	107133298			axis	1,000	PC	9
180	105840165			spacer ring	2,000	PC	9
190	81141844008			swivel ring	4,000	PC	9
200	108275332			cylinder switch	2,000	PC	3
210	80203304293			fixing element	2,000	PC	3
220	80272210701			throttle/check valve	4,000	PC	3
230	78501040204			radial deep groove ball bearing	8,000	PC	1
240	78501030204			radial deep groove ball bearing	2,000	PC	3
250	105222152			swivel fixing	2,000	PC	3
260	80203302597			fastening	2,000	PC	3
270	78100001502			retaining ring	6,000	PC	9
280	75010062302			cylindrical screw	4,000	PC	9
290	75053080602			grub screw	4,000	PC	9
300	75000062116			hexagon-head bolt	4,000	PC	9

transfer conveyor

107132135

packaging machine (RM)\basic machine\discharge conveyor\transfer conveyor



transfer conveyor

107132135

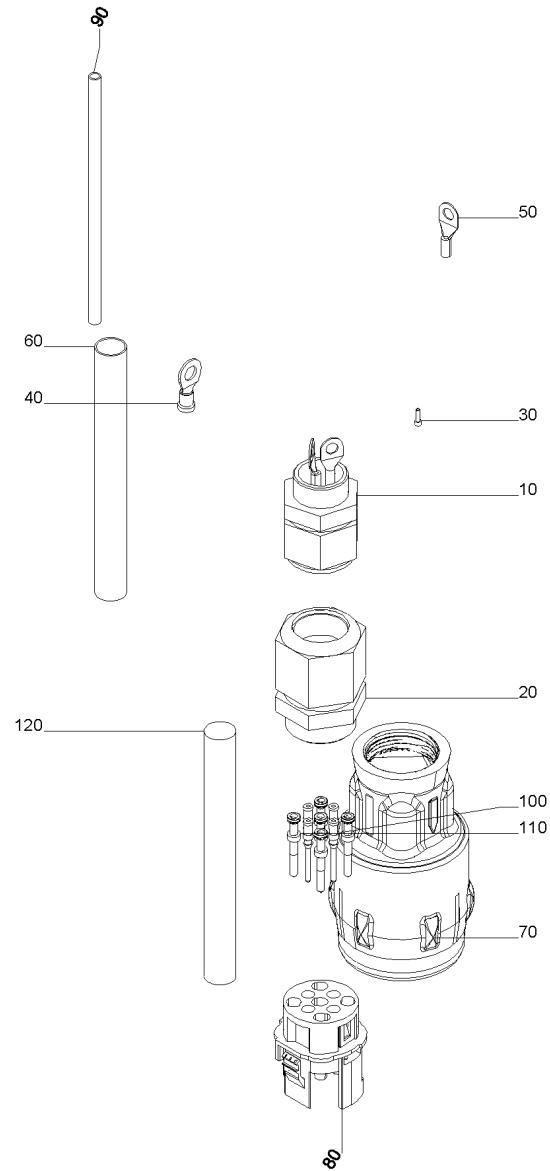
packaging machine (RM)\basic machine\discharge conveyor\transfer conveyor



pos	material	document	version	description	quantity	quantity unit	SPC
310	75001061302			hexagon-head bolt	4,000	PC	9
320	75001061502			hexagon-head bolt	4,000	PC	9
330	75001060916			hexagon-head bolt	4,000	PC	9
340	75001061902			hexagon-head bolt	2,000	PC	9
350	75021060802			countersunk flat head screw	6,000	PC	9
360	107158681			female connector	8,000	PC	9
370	107158319			baffle	1,000	PC	9
380	107158334			baffle	1,000	PC	9
390	75001061702			hexagon-head bolt	8,000	PC	9

connection cable  
108084479

packaging machine (RM)\basic machine\discharge conveyor\connection cable



**connection cable****108084479**

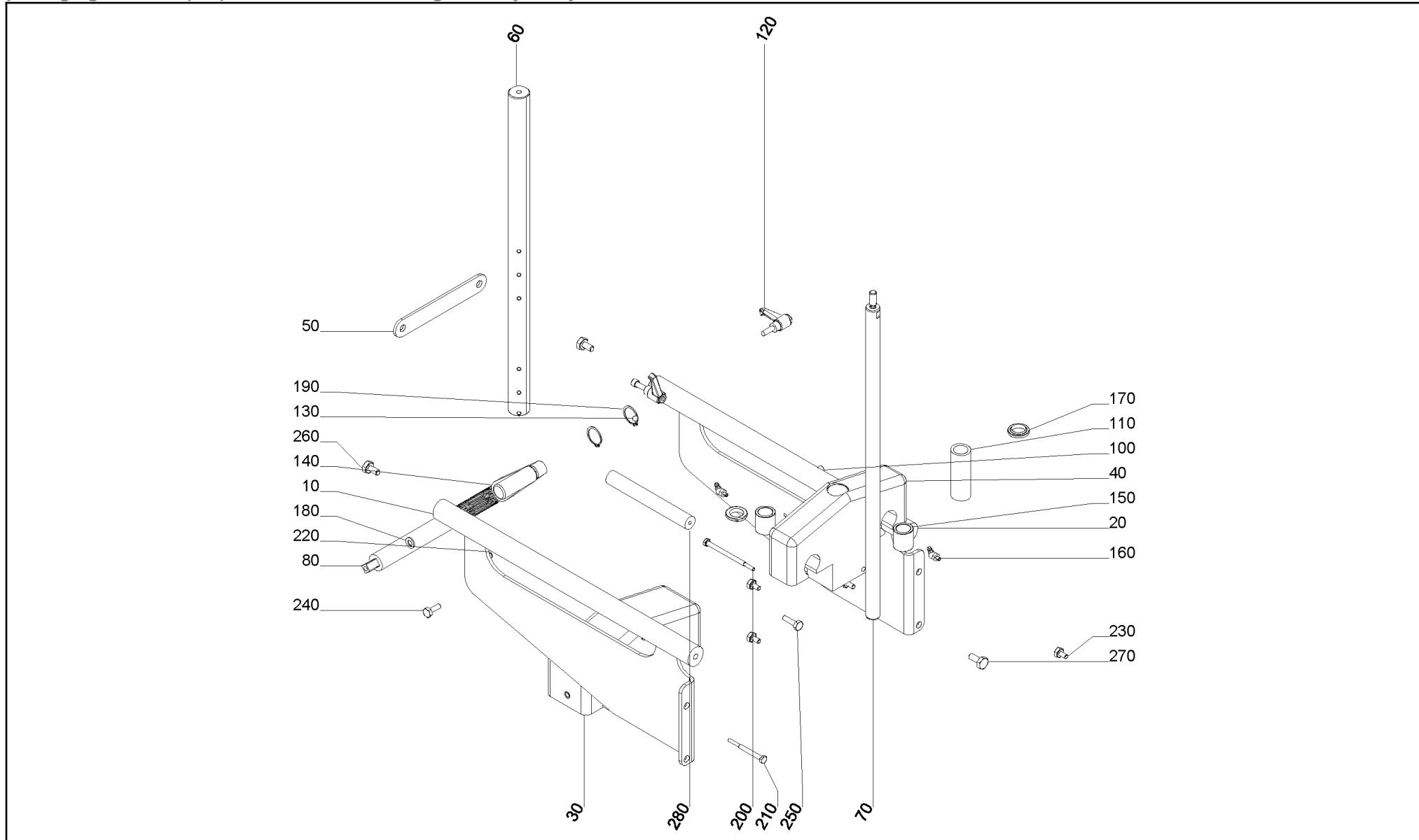
packaging machine (RM)\basic machine\discharge conveyor\connection cable



pos	material	document	version	description	quantity	quantity unit	SPC
10	85131114912			screwed cable gland	1,000	PC	9
20	85131114913			screwed cable gland	1,000	PC	9
30	85121191020			wire-end ferrule	2,000	PC	9
50	85121116841			cable lug	4,000	PC	9
60	85145130007			heat shrink tube	0,070	M	9
70	108003547			cable bushing	1,000	PC	9
80	107448887			carrier	1,000	PC	9
90	85145130004			heat shrink tube	0,030	M	9
100	107610841			contact pins	2,000	PC	5
110	108003528			contact pins	5,000	PC	5
120	85219050053			control line	2,000	M	9
130	85121131401			outer sleeve	2,000	PC	9

adjustment unit  
107006859

packaging machine (RM)\basic machine\discharge conveyor\adjustment unit



## adjustment unit

107006859

packaging machine (RM)\basic machine\discharge conveyor\adjustment unit



pos	material	document	version	description	quantity	quantity unit	SPC
10	105878144			Support piece	1,000	PC	9
20	105878147			Support piece	1,000	PC	N
30	105430047			guide	1,000	PC	9
40	106246370			guide	1,000	PC	9
50	105430111			cross-plate	1,000	PC	9
60	105432801			toothed rack	1,000	PC	5
70	107007103			guide rod	1,000	PC	9
80	106247788			pinion shaft	1,000	PC	5
100	105782118			shaft	2,000	PC	9
110	106246533			distance bushing	1,000	PC	9
120	75851111103			clamping lever	2,000	PC	9
130	78560010800			ball	1,000	PC	5
140	96627000000			hand crank	1,000	PC	9
150	78555102009			linear bearing	2,000	PC	9
160	75206511702			lubricating nipple, cone type	2,000	PC	9
170	80209407206			stripper	2,000	PC	5
180	75211010802			disk	1,000	PC	9
190	78100002502			retaining ring	2,000	PC	9
200	75000062902			hexagon-head bolt	1,000	PC	9
210	105967006			hexagon-head bolt	1,000	PC	9
220	75001060602			hexagon-head bolt	1,000	PC	9
230	75001080902			hexagon-head bolt	4,000	PC	9
240	75001081302			hexagon-head bolt	1,000	PC	9
250	75001081502			hexagon-head bolt	1,000	PC	9
260	75001101102			hexagon-head bolt	2,000	PC	9
270	75001101316			hexagon-head bolt	2,000	PC	9
280	106543510			shaft	1,000	PC	9

worm gear motor  
105568267

packaging machine (RM)\basic machine\discharge conveyor\worm gear motor



keine Zeichnung vorhanden  
no drawing available

worm gear motor

105568267

packaging machine (RM)\basic machine\discharge conveyor\worm gear motor

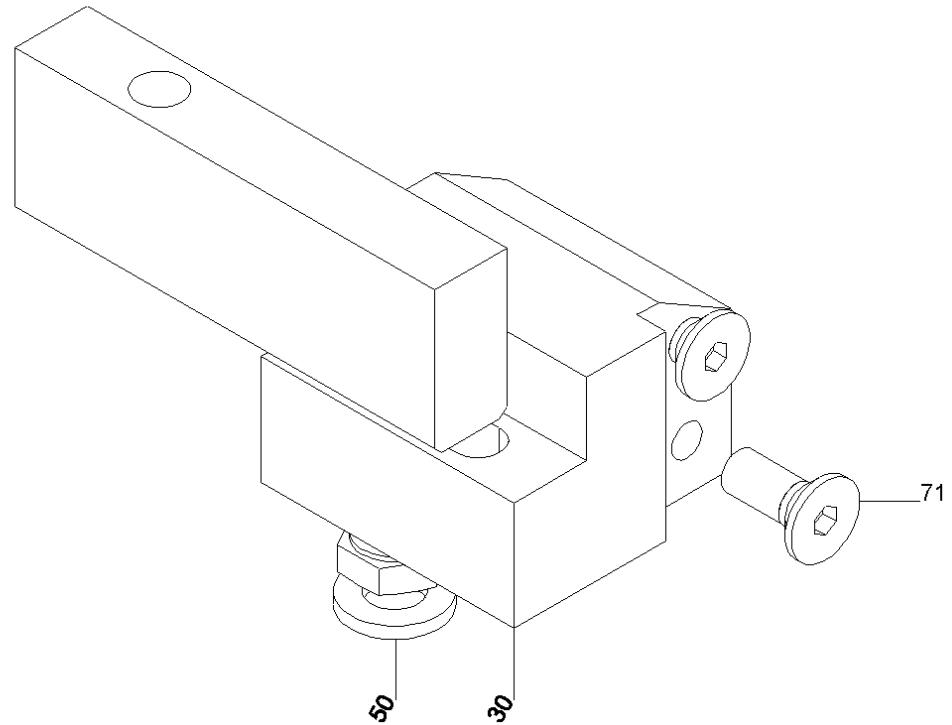
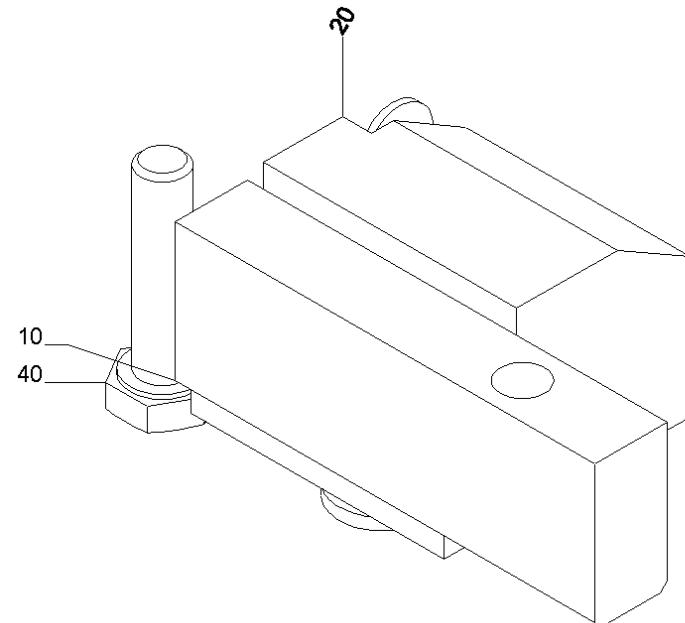


pos	material	document	version	description	quantity	quantity unit	SPC
10	107406936			worm wheel	1,000	PC	3
20	107406999			worm	1,000	PC	3
30	108086422			lid	1,000	PC	9
40	108086456			seal	1,000	PC	9

mount

105194288

packaging machine (RM)\basic machine\mount



mount

105194288

packaging machine (RM)\basic machine\mount



pos	material	document	version	description	quantity	quantity unit	SPC
10	105194098			block	2,000	PC	9
20	105194289			block	1,000	PC	9
30	105194290			block	1,000	PC	9
40	75001061516			hexagon-head bolt	2,000	PC	9
50	75211010602			disk	2,000	PC	9
71	75020050902			countersunk flat head screw	4,000	PC	9

Special die set

106247785

packaging machine (RM)\Special die set



keine Zeichnung vorhanden  
no drawing available

## Special die set

106247785

packaging machine (RM)\Special die set



pos	material	document	version	description	quantity	quantity unit	SPC
10	96904010000			tool box	1,000	PC	9
20	19541208043			cramp	10,000	PC	1
30	105289187			pressure spring	10,000	PC	3
40	78310345550			lip seal	2,000	PC	1
50	78310014240			lip seal	2,000	PC	1
60	78301022301			o-ring	9,000	PC	1
70	78301010300			o-ring	6,000	PC	1
80	78301030300			o-ring	2,000	PC	1
90	107111650			grease	1,000	PC	C
100	91690802010			suction cup	2,000	PC	N
110	91690802101			suction cup	1,000	PC	N
150	96605060003			socket spanner	1,000	PC	N
160	96605060000			socket spanner	1,000	PC	N
170	85411110508			glass-case fuse	5,000	PC	1
180	85411110510			glass-case fuse	5,000	PC	1
190	85411110051			glass-case fuse	5,000	PC	1
200	85411110058			glass-case fuse	5,000	PC	1
210	81861121032			toroidal seal	2,000	M	W
220	105169535			hose	2,000	M	1
230	105879169			hose	2,000	M	1
240	106122942			handle	4,000	PC	9
250	19131101340			screw nut	2,000	PC	9
260	11581988230			darning	2,000	PC	9
280	96603000011			double-ended ring spanner	1,000	PC	N
290	96607020105			Allen key	1,000	PC	N
310	106083406			hook spanner	1,000	PC	N
320	106061241			screwdriver	1,000	PC	N
330	75049121260			lifting eye bolt	4,000	PC	9
350	106780585			Angle screwdriver	1,000	PC	N
360	91690802222			suction cup	1,000	PC	W

Special die set

106247785

packaging machine (RM)\Special die set



keine Zeichnung vorhanden  
no drawing available

**Special die set**

**106247785**

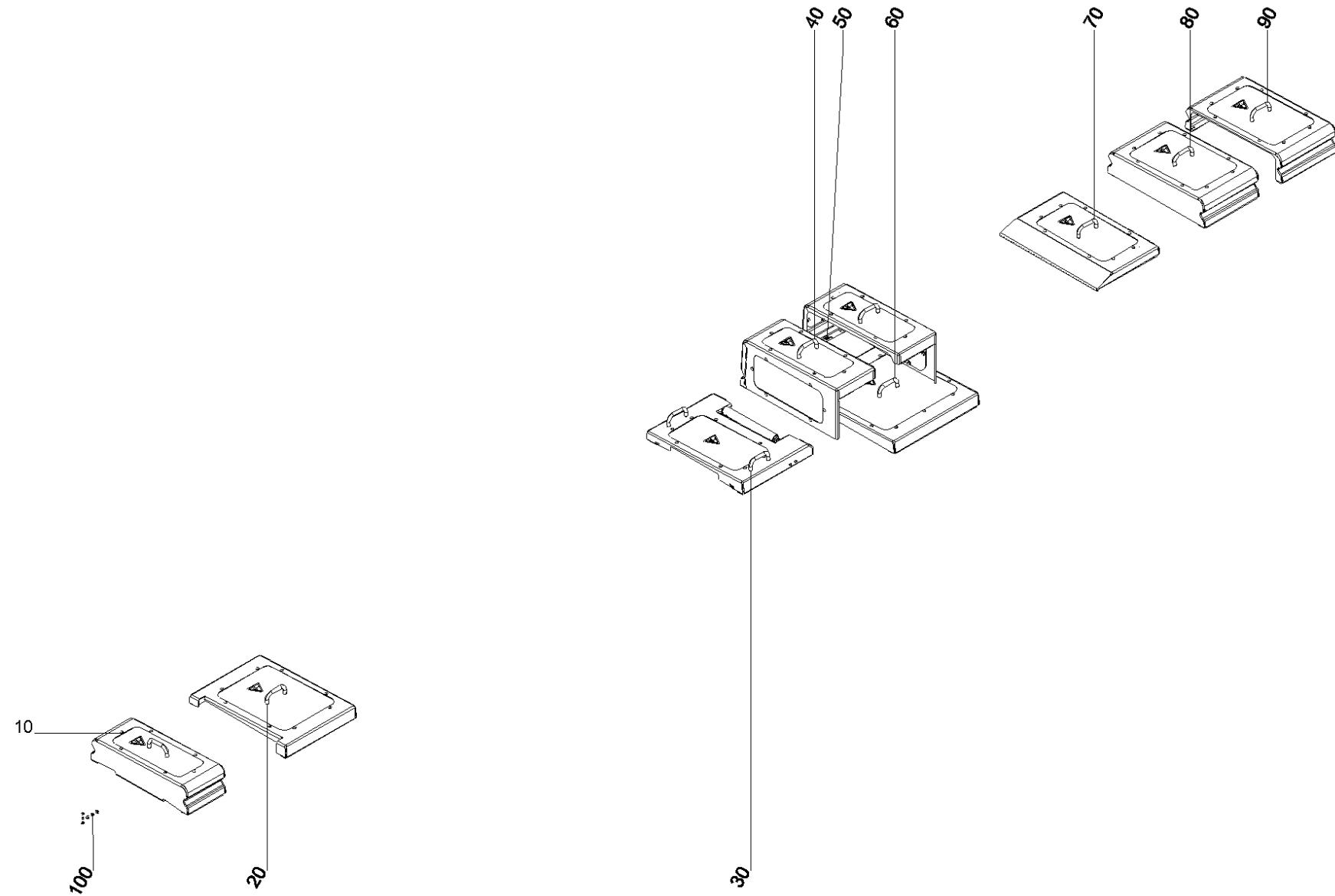
**packaging machine (RM)\Special die set**



pos	material	document	version	description	quantity	quantity unit	SPC
370	91690802221			suction cup	1,000	PC	W

guard  
108110582

packaging machine (RM)\guard



guard

108110582

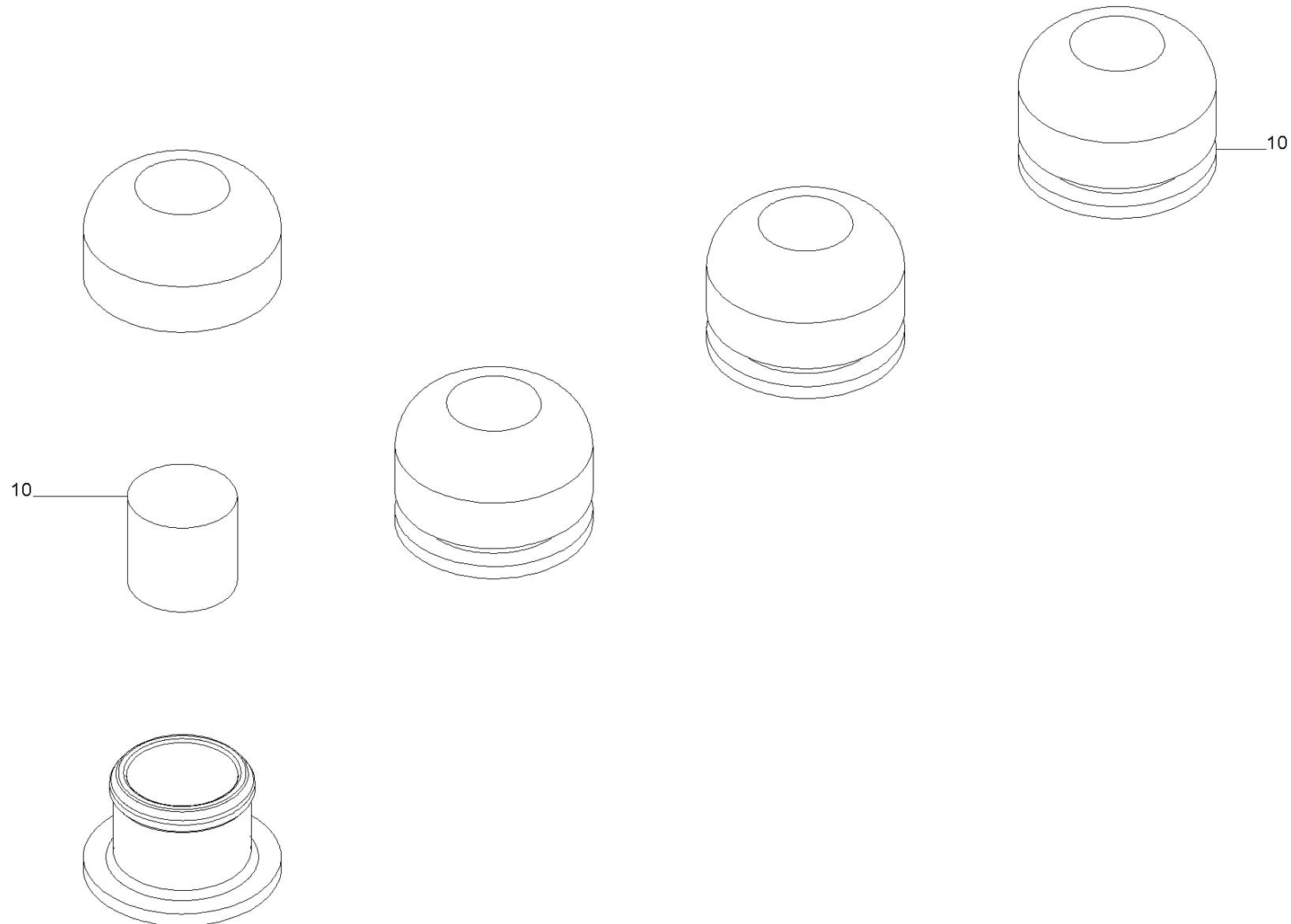
packaging machine (RM)\guard



pos	material	document	version	description	quantity	quantity unit	SPC
10	108110639			forming die guard	1,000	PC	9
20	107669120			forming die guard	1,000	PC	9
30	107681225			sealing die guard	1,000	PC	9
40	107681301			safety cover	1,000	PC	9
50	107681307			safety cover	1,000	PC	9
60	108110985			beam cover	1,000	PC	9
70	108110968			beam cover	1,000	PC	9
80	108111007			beam cover	1,000	PC	N
90	108111009			beam cover	1,000	PC	9
100	107194053	16000386784	0	Spares package	1,000	PC	9

Spares package  
107194053

packaging machine (RM)\guard\Spares package



**Spares package**

**107194053**

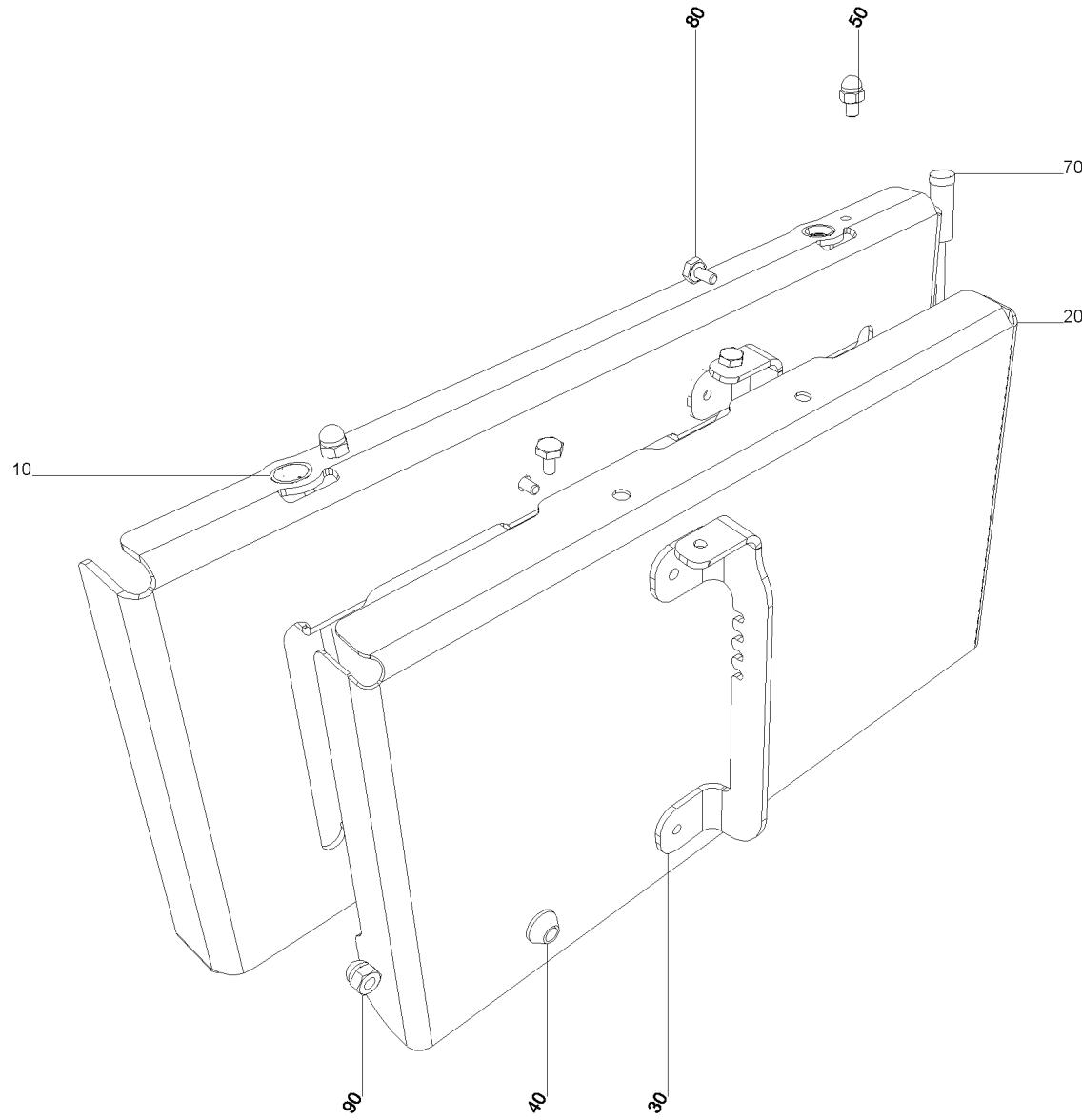
**packaging machine (RM)\guard\Spares package**



pos	material	document	version	description	quantity	quantity unit	SPC
10	106477706			magnet holder	4,000	PC	N

back panel  
107560726

packaging machine (RM)\back panel



**back panel**

**107560726**

**packaging machine (RM)\back panel**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107560724			back panel	1,000	PC	N
20	107560725			guard plate	1,000	PC	N
30	107549081			mount	2,000	PC	N
40	107187745			female connector	2,000	PC	9
50	101797145			cap nut bolt	2,000	PC	9
70	105778984			magnetic reed switch	2,000	PC	5
80	75001060816			hexagon-head bolt	9,000	PC	9
90	75200300602			cap nut	2,000	PC	9

keine Zeichnung vorhanden  
no drawing available

## KPL machine format parts

108372158

packaging machine (RM)\KPL machine format parts



pos	material	document	version	description	quantity	quantity unit	SPC
10	108372154			format set	1,000	PC	9
100	108131699	16000601714	0	forming plate	1,000	PC	9
200	108131681	16000601722	A	sealing grid	1,000	PC	N
210	108131650			sealing gasket	2,000	PC	W
411	75000123302			hexagon-head bolt	6,000	PC	9
413	19717113910			disk	6,000	PC	9
450	19009749325			diaphragm	2,000	PC	1
480	108132279	16000601687	0	sealing plate	1,000	PC	9
660	108378858			Insert parts	1,000	PC	N
940	19188102010			tubular heating element	2,000	PC	1
950	19188101023			tubular heating element	2,000	PC	1

format set  
108372154

packaging machine (RM)\KPL machine format parts\format set



keine Zeichnung vorhanden  
no drawing available

**format set**

**108372154**

**packaging machine (RM)\KPL machine format parts\format set**

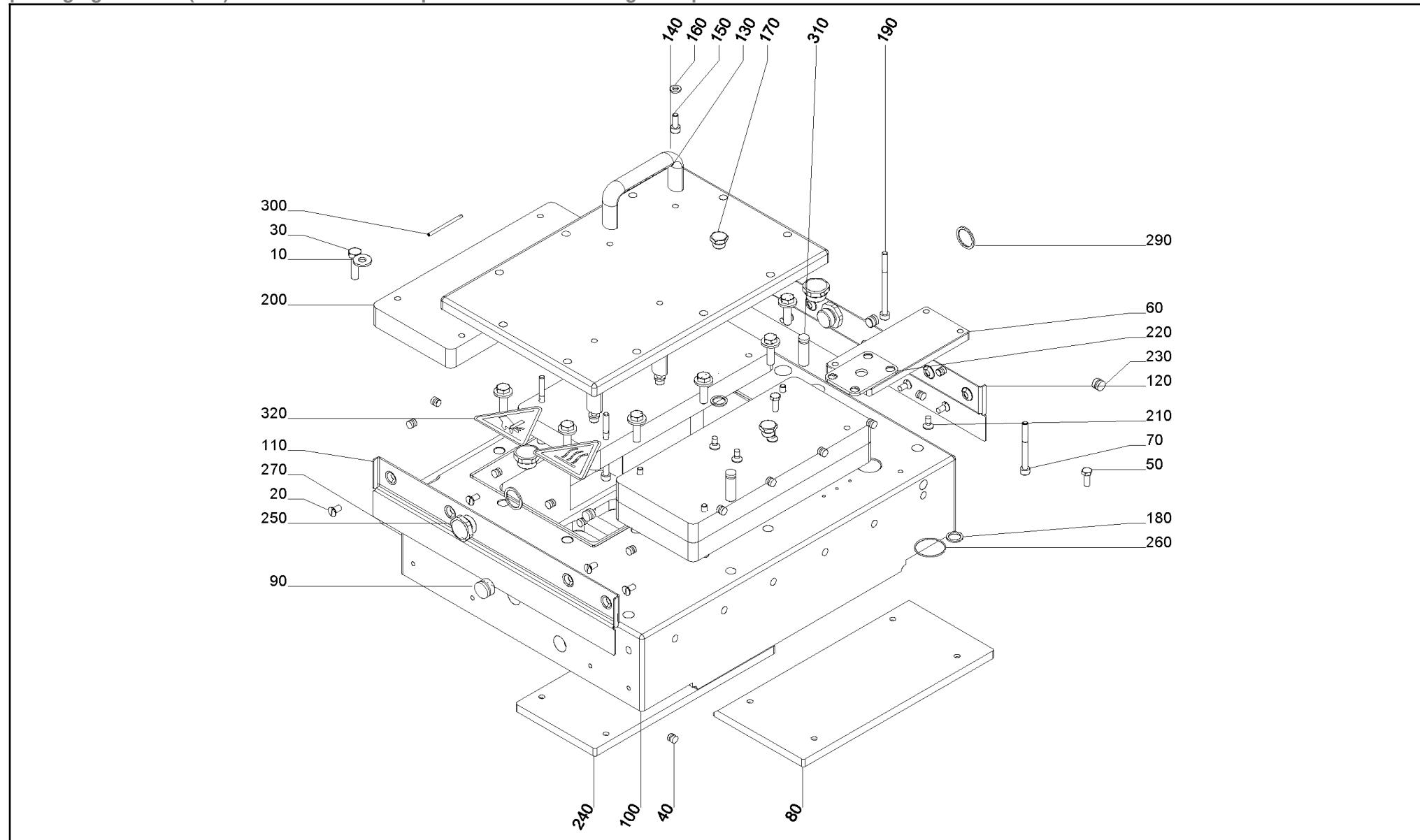


pos	material	document	version	description	quantity	quantity unit	SPC
10	108132703	16000601725	A	forming die top section	1,000	PC	9
20	108132246	16000601723	0	forming die bottom section	1,000	PC	9
30	108370988	16000647385	0	sealing die top section	1,000	PC	9
40	108103641	16000596486	0	sealing die bottom section	1,000	PC	9

forming die top section

108132703

packaging machine (RM)\KPL machine format parts\format set\forming die top section



## forming die top section

108132703

packaging machine (RM)\KPL machine format parts\format set\forming die top section

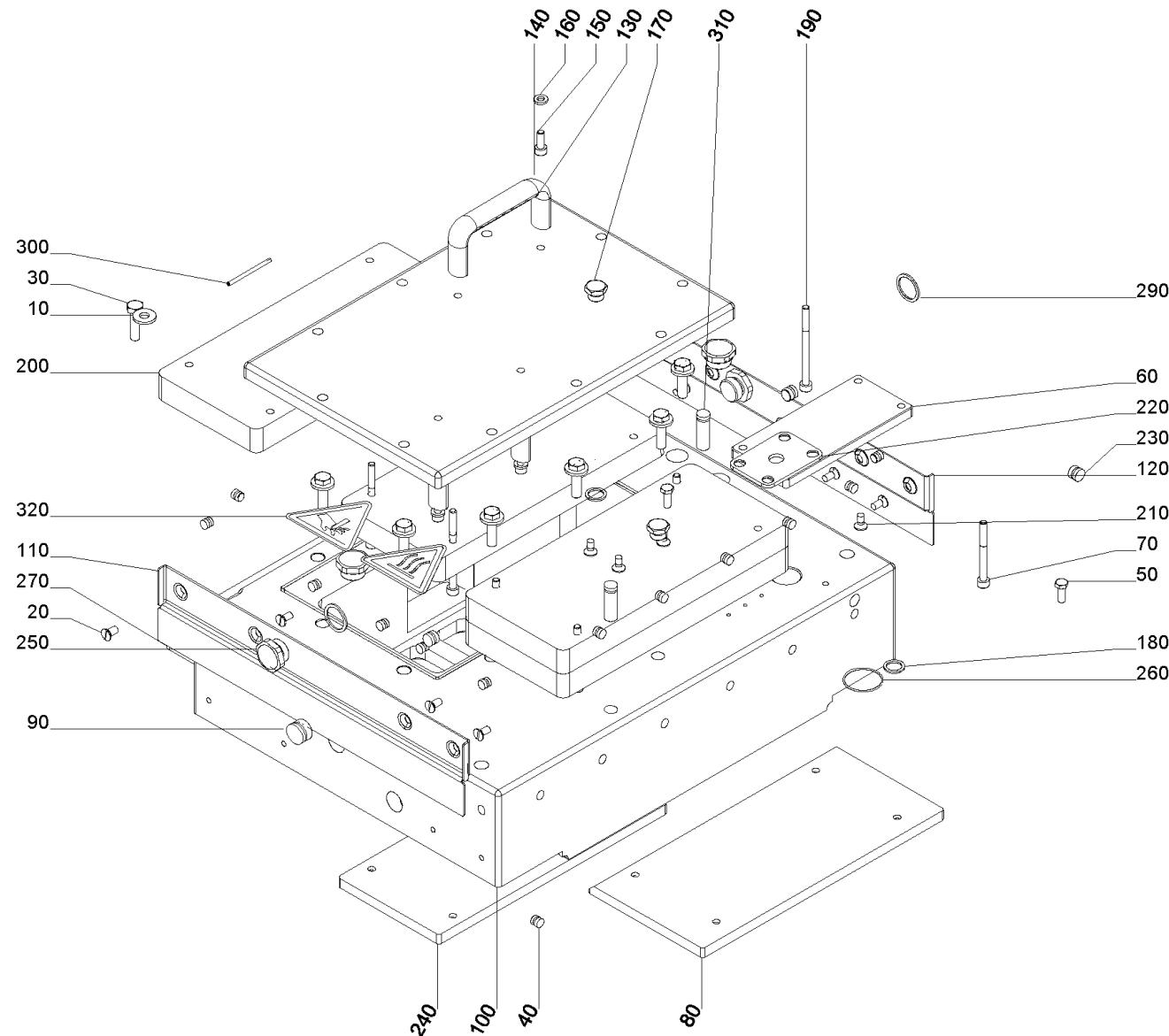


pos	material	document	version	description	quantity	quantity unit	SPC
10	75212082002			disk	10,000	PC	9
20	75021060902			countersunk flat head screw	8,000	PC	9
30	75001081716			hexagon-head bolt	10,000	PC	9
40	44157691811			dummy plug	15,000	PC	9
50	75001061102			hexagon-head bolt	3,000	PC	9
60	101939926			plate	1,000	PC	9
70	75010062302			cylindrical screw	4,000	PC	9
80	106872669			plate	1,000	PC	9
90	44157691813			dummy plug	1,000	PC	9
100	108132710			forming mould lid	1,000	PC	9
110	106969509			guard plate	1,000	PC	N
120	106969511			guard plate	1,000	PC	N
130	108102340			cover plate	1,000	PC	N
140	81961502000			bracket handle	2,000	PC	9
150	75010061102			cylindrical screw	4,000	PC	9
160	101676250			disk	4,000	PC	9
170	19139102502			screw plug	2,000	PC	9
180	81141806523			sealing ring	2,000	PC	9
190	75010062702			cylindrical screw	4,000	PC	9
200	106872672			priming plate	4,000	PC	9
210	75020060902			countersunk flat head screw	4,000	PC	9
220	105461130			holding plate	1,000	PC	9
230	44157691812			dummy plug	5,000	PC	9
240	108102364			plate	1,000	PC	9
250	107606310			screw plug	6,000	PC	9
260	78301030300			o-ring	1,000	PC	1
270	108102370			priming plate	1,000	PC	9
280	91147512085			adhesive	1,000	PC	5
290	81141806525			sealing ring	6,000	PC	9
300	105879169			hose	1,000	M	1

forming die top section

108132703

packaging machine (RM)\KPL machine format parts\format set\forming die top section



**forming die top section**

**108132703**

**packaging machine (RM)\KPL machine format parts\format set\forming die top section**

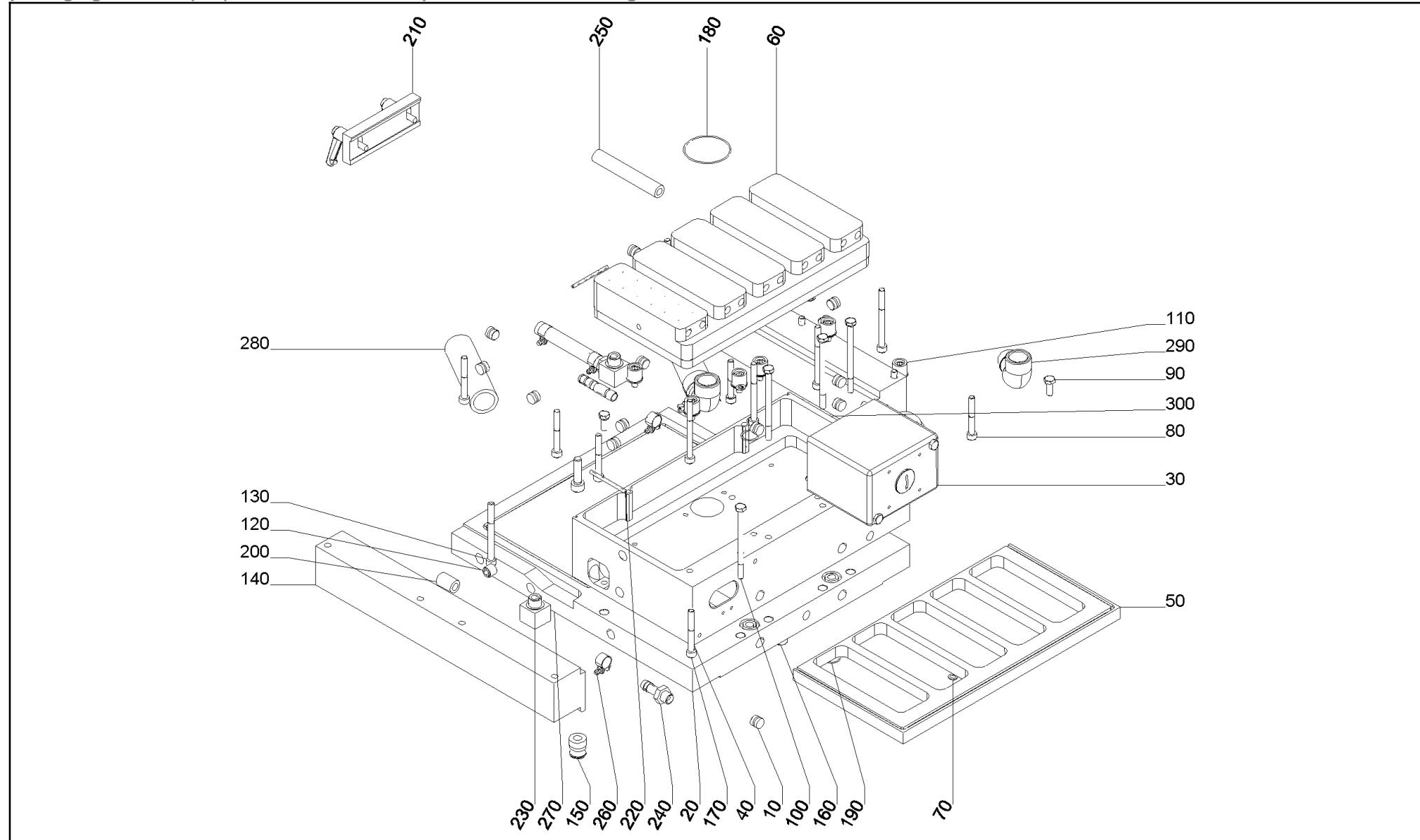


pos	material	document	version	description	quantity	quantity unit	SPC
310	107630873			dummy plug	2,000	PC	9
320	105899459			signs	1,000	PC	9

forming die bottom section

108132246

packaging machine (RM)\KPL machine format parts\format set\forming die bottom section



## forming die bottom section

108132246

packaging machine (RM)\KPL machine format parts\format set\forming die bottom section

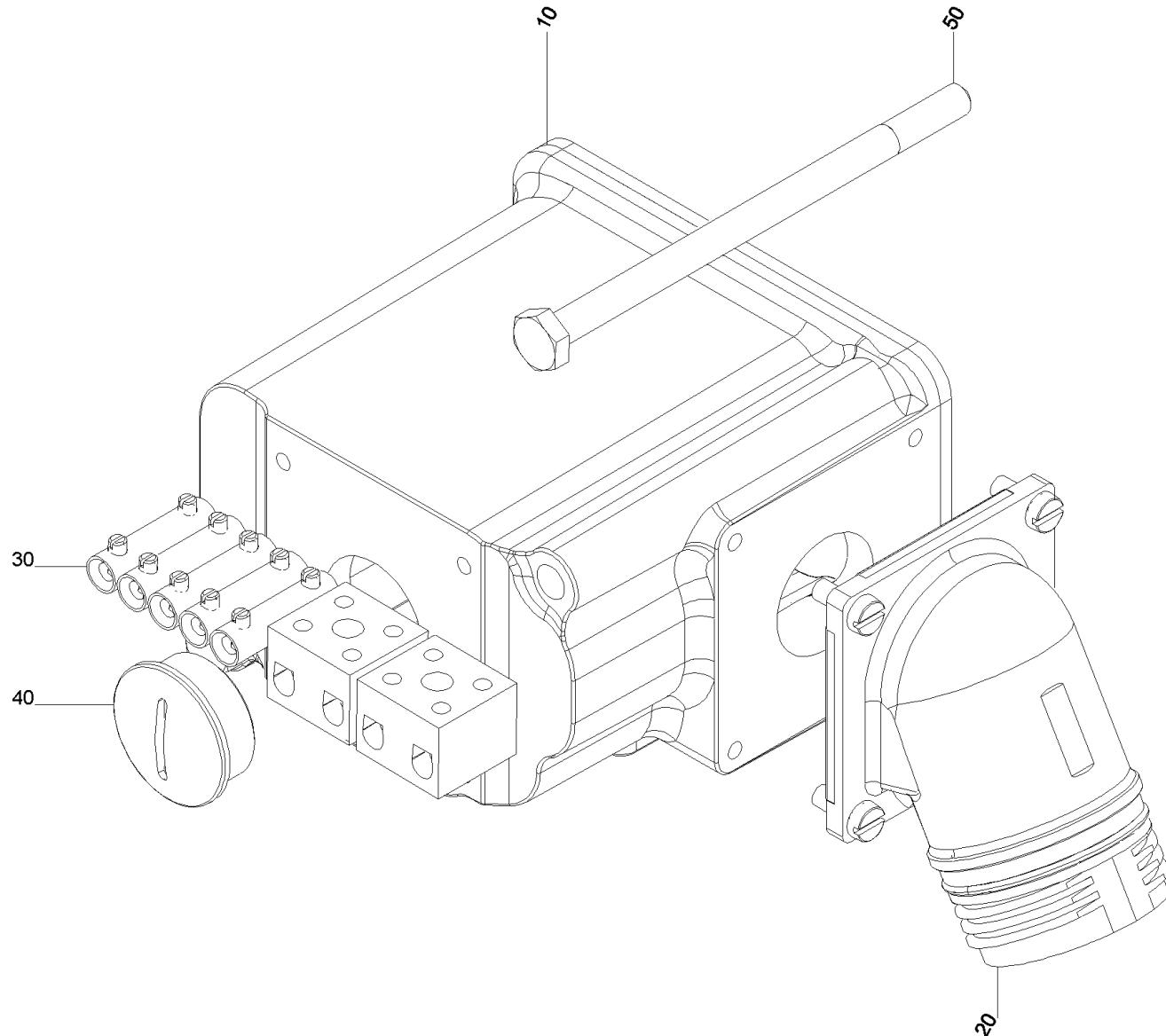


pos	material	document	version	description	quantity	quantity unit	SPC
10	44157691812			dummy plug	15,000	PC	9
20	108104756			bed-plate	1,000	PC	N
30	107763447	16000519142	0	cable block	1,000	PC	9
40	108104758			pre-heating form	1,000	PC	N
50	108132267			grating	1,000	PC	9
60	108132286	16000601708	0	heating plate	1,000	PC	9
70	75210070602			thrust washer	8,000	PC	9
80	75010062002			cylindrical screw	2,000	PC	9
90	75001061116			hexagon-head bolt	2,000	PC	9
100	75000062802			hexagon-head bolt	4,000	PC	9
110	105479864			distance bushing	8,000	PC	9
120	75206025215			screw plug	1,000	PC	9
130	75010062516			cylindrical screw	6,000	PC	9
140	19222070342			bar	2,000	PC	N
150	11650035502			stud	2,000	PC	5
160	75010081702			cylindrical screw	2,000	PC	9
170	75010062116			cylindrical screw	8,000	PC	9
180	78301044300			o-ring	1,000	PC	1
190	78301014300			o-ring	2,000	PC	1
200	11550936040			female connector	2,000	PC	1
210	11650007000			quick-action closure	1,000	PC	9
220	105879169			hose	2,000	M	1
230	107625196			elbow double-ended union	2,000	PC	9
240	107625178			threaded socket	2,000	PC	9
250	81811120810			fabric hose	2,000	M	9
260	81190110141			hose band clip	4,000	PC	9
270	81141839702			hose nozzle	2,000	PC	9
280	81811132230			spiral hose	2,000	M	9
290	107434168			hose connection piece	2,000	PC	9
300	81190112282			hose band clip	2,000	PC	9

cable block  
107763447



packaging machine (RM)\KPL machine format parts\format set\forming die bottom section\cable block



cable block

107763447

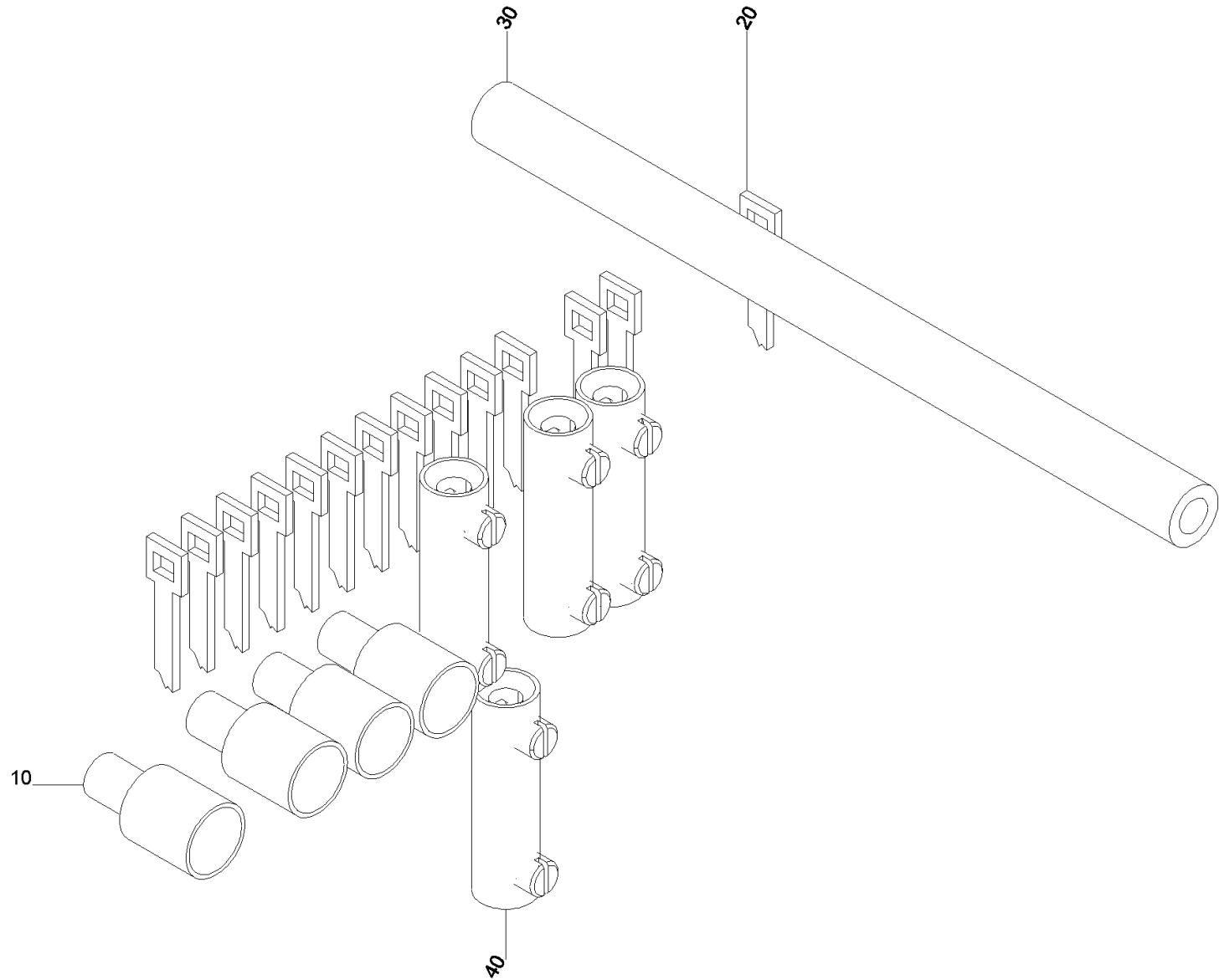
packaging machine (RM)\KPL machine format parts\format set\forming die bottom section\cable block



pos	material	document	version	description	quantity	quantity unit	SPC
10	105176161			cable block	1,000	PC	9
20	107716660			socket	1,000	PC	5
30	107731033	16000518692	A	cable block	1,000	PC	9
40	85131101033			dummy plug	2,000	PC	9
50	75000063116			hexagon-head bolt	2,000	PC	9
60	81861121032			toroidal seal	0,350	M	W

cable block  
107731033

packaging machine (RM)\KPL machine format parts\format set\forming die bottom section\cable block\cable block



cable block

107731033

packaging machine (RM)\KPL machine format parts\format set\forming die bottom section\cable block\cable block

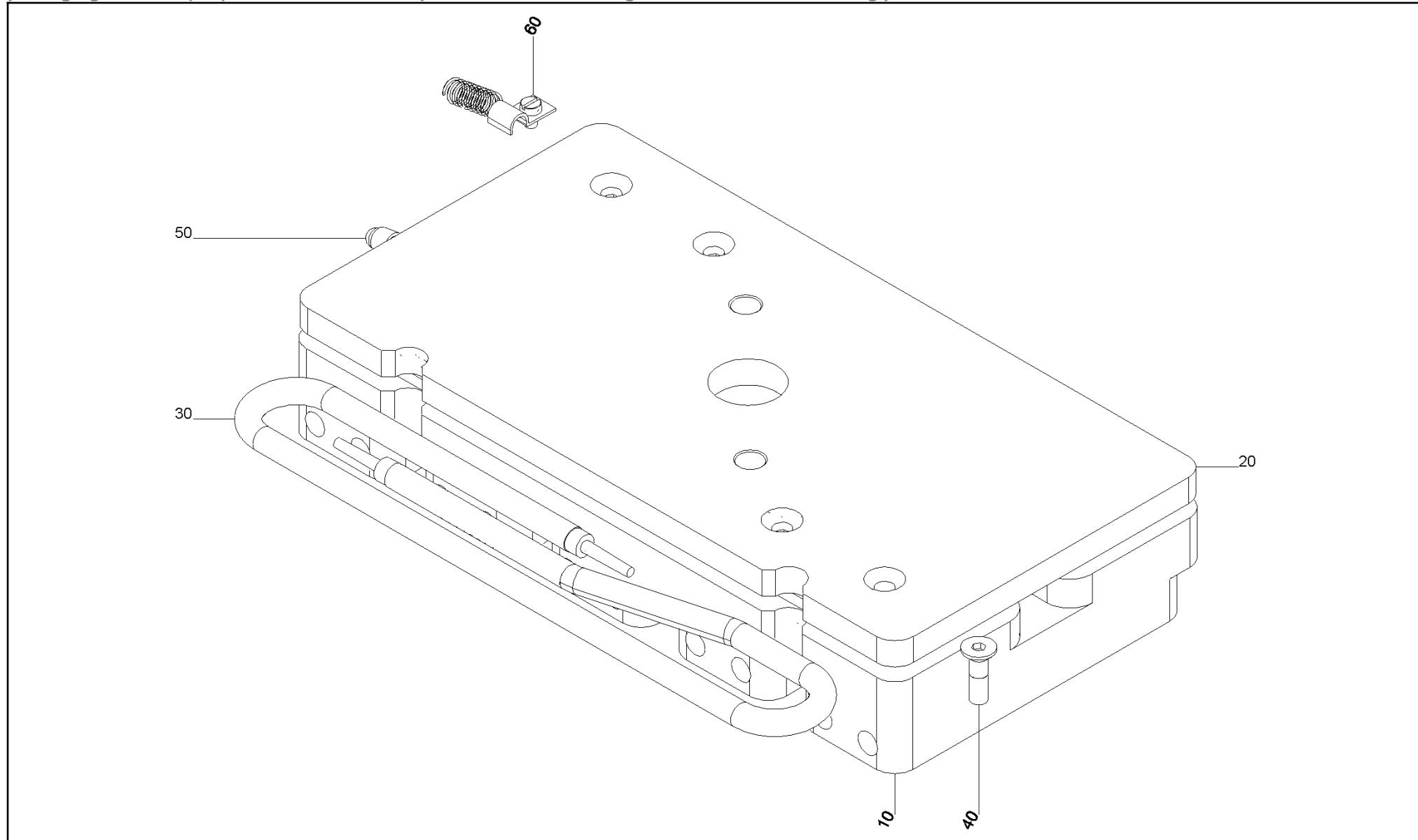


pos	material	document	version	description	quantity	quantity unit	SPC
10	85121193100			End connector	4,000	PC	9
20	85148201030			cable tie	14,000	PC	9
30	108029027			silicon hose	1,000	M	9
40	85151113100			clamping sleeve	4,000	PC	9

heating plate  
108132286



packaging machine (RM)\KPL machine format parts\format set\forming die bottom section\heating plate



**heating plate**

**108132286**

**packaging machine (RM)\KPL machine format parts\format set\forming die bottom section\heating plate**

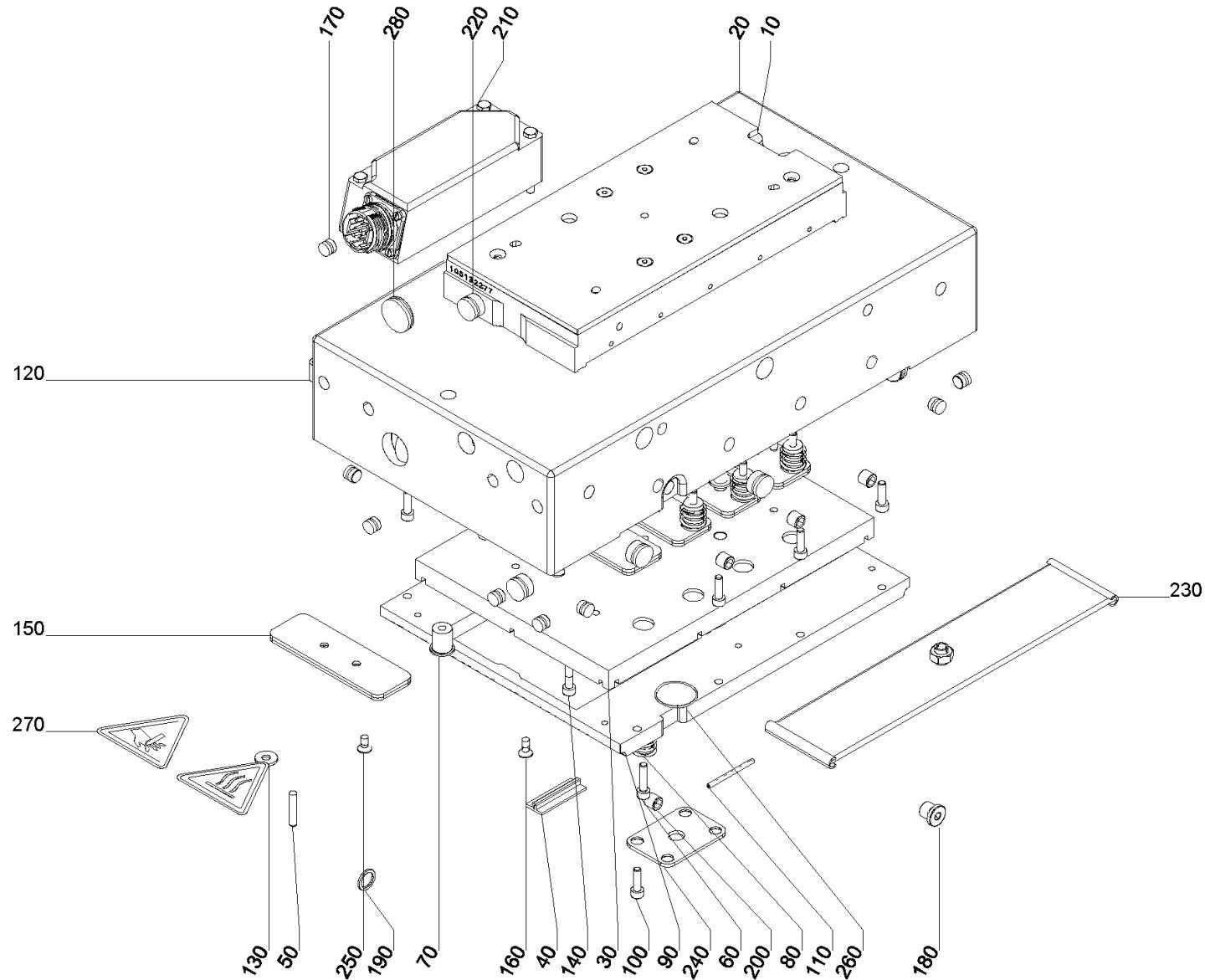


pos	material	document	version	description	quantity	quantity unit	SPC
10	108132290			heating plate	1,000	PC	5
20	108104744			sheet	1,000	PC	N
30	19188102010			tubular heating element	2,000	PC	1
40	75020061302			countersunk flat head screw	4,000	PC	9
50	107088416			temperature probe	1,000	PC	3
60	44000000004			electrical system	1,000	PC	9
80	91123000004			thermal transfer compound	1,000	PC	N

sealing die top section

108370988

packaging machine (RM)\KPL machine format parts\format set\sealing die top section



## sealing die top section

108370988

packaging machine (RM)\KPL machine format parts\format set\sealing die top section

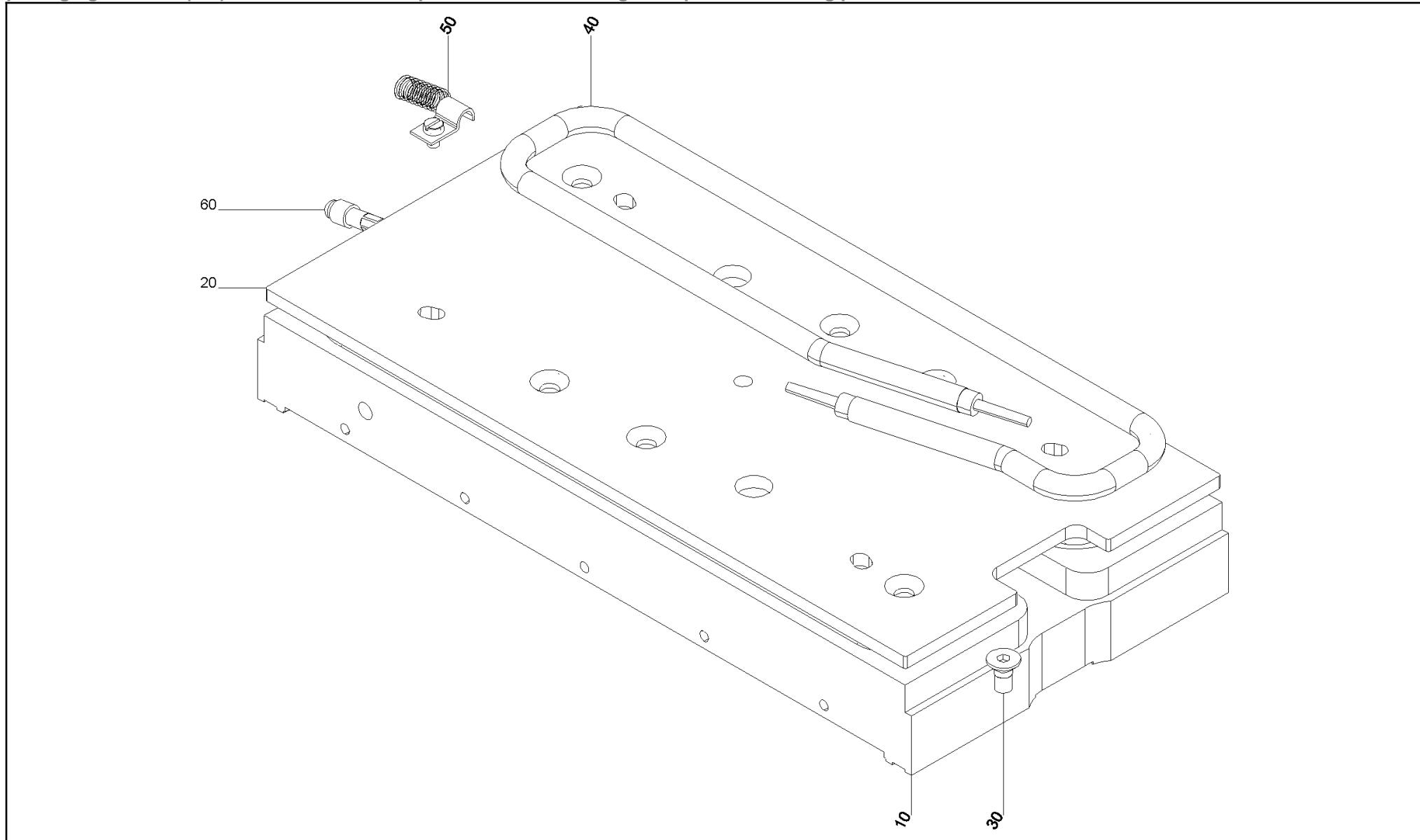


pos	material	document	version	description	quantity	quantity unit	SPC
10	108132279	16000601687	0	sealing plate	1,000	PC	5
20	108373323			vacuum lid	1,000	PC	9
30	108373387			intermediate plate	1,000	PC	9
40	105400252			rubber profile	1,600	M	W
50	75300061802			straight pin	5,000	PC	9
60	75010061502			cylindrical screw	8,000	PC	9
70	11550936010			female connector	8,000	PC	9
80	19781202000			pressure spring	8,000	PC	3
90	108103597			grating	1,000	PC	9
100	75010061302			cylindrical screw	8,000	PC	9
110	105879169			hose	1,200	M	1
120	19431107900			distance bushing	2,000	PC	9
130	19717107010			disk	2,000	PC	9
140	75010061802			cylindrical screw	2,000	PC	9
150	108132797			product guard plate	5,000	PC	W
160	75020061002			countersunk flat head screw	10,000	PC	9
170	44157691812			dummy plug	10,000	PC	9
180	75206025203			screw plug	1,000	PC	9
190	81141806523			sealing ring	1,000	PC	9
200	75206025215			screw plug	8,000	PC	9
210	107730032	16000518728	A	cable block	1,000	PC	9
220	44157691813			dummy plug	5,000	PC	9
230	19009749325			diaphragm	2,000	PC	1
240	105461130			holding plate	2,000	PC	9
250	75020060902			countersunk flat head screw	8,000	PC	9
260	78301030300			o-ring	2,000	PC	1
270	105899459			signs	1,000	PC	9
280	106534977			dummy plug	2,000	PC	9

sealing plate  
108132279



packaging machine (RM)\KPL machine format parts\format set\sealing die top section\sealing plate



sealing plate

108132279

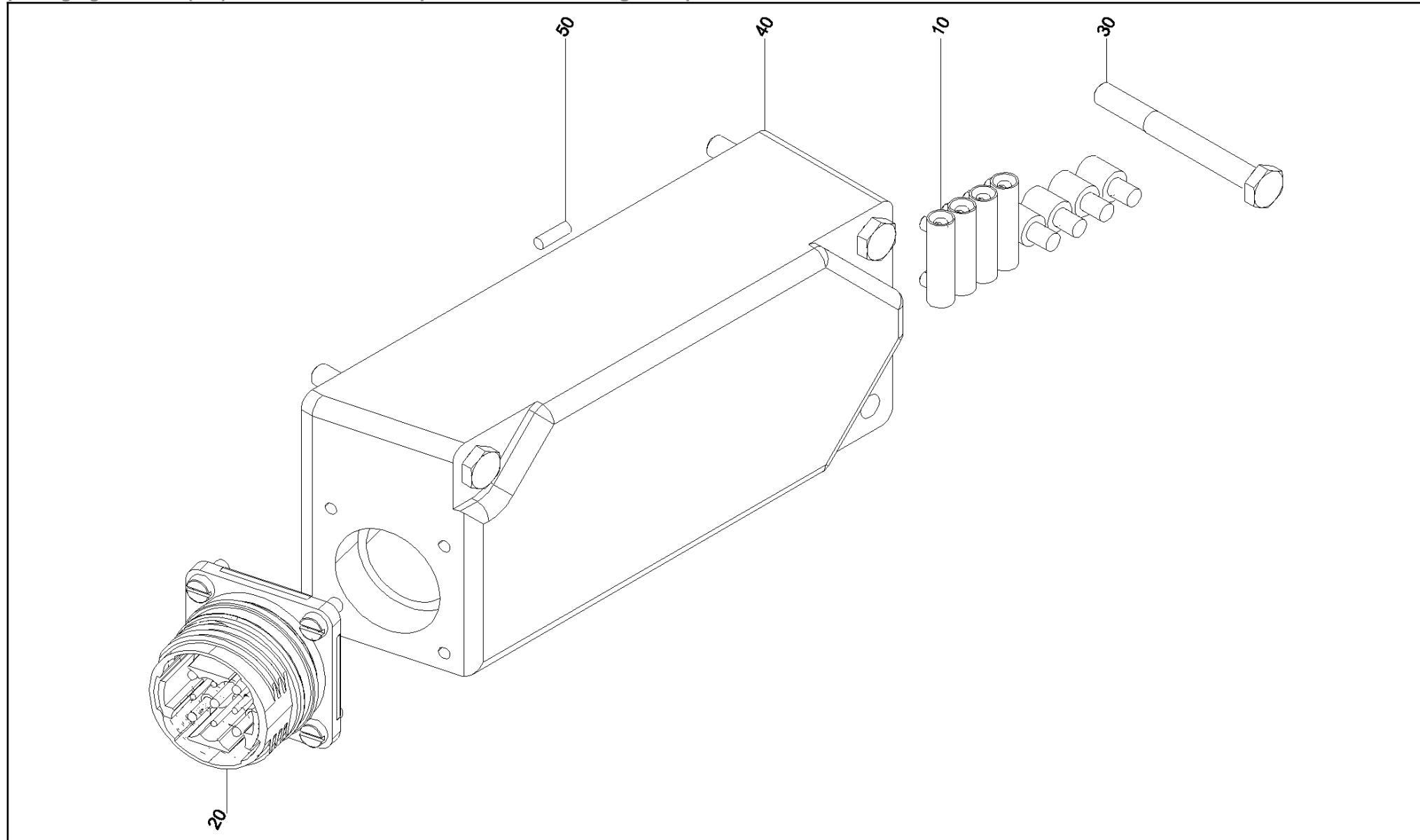
packaging machine (RM)\KPL machine format parts\format set\sealing die top section\sealing plate



pos	material	document	version	description	quantity	quantity unit	SPC
10	108132277			sealing plate	1,000	PC	5
20	108102591			sheet	1,000	PC	N
30	75020060902			countersunk flat head screw	6,000	PC	9
40	19188101023			tubular heating element	2,000	PC	1
50	44000000004			electrical system	1,000	PC	9
60	107088416			temperature probe	1,000	PC	3
80	91123000004			thermal transfer compound	1,000	PC	N

cable block  
107730032

packaging machine (RM)\KPL machine format parts\format set\sealing die top section\cable block



cable block

107730032

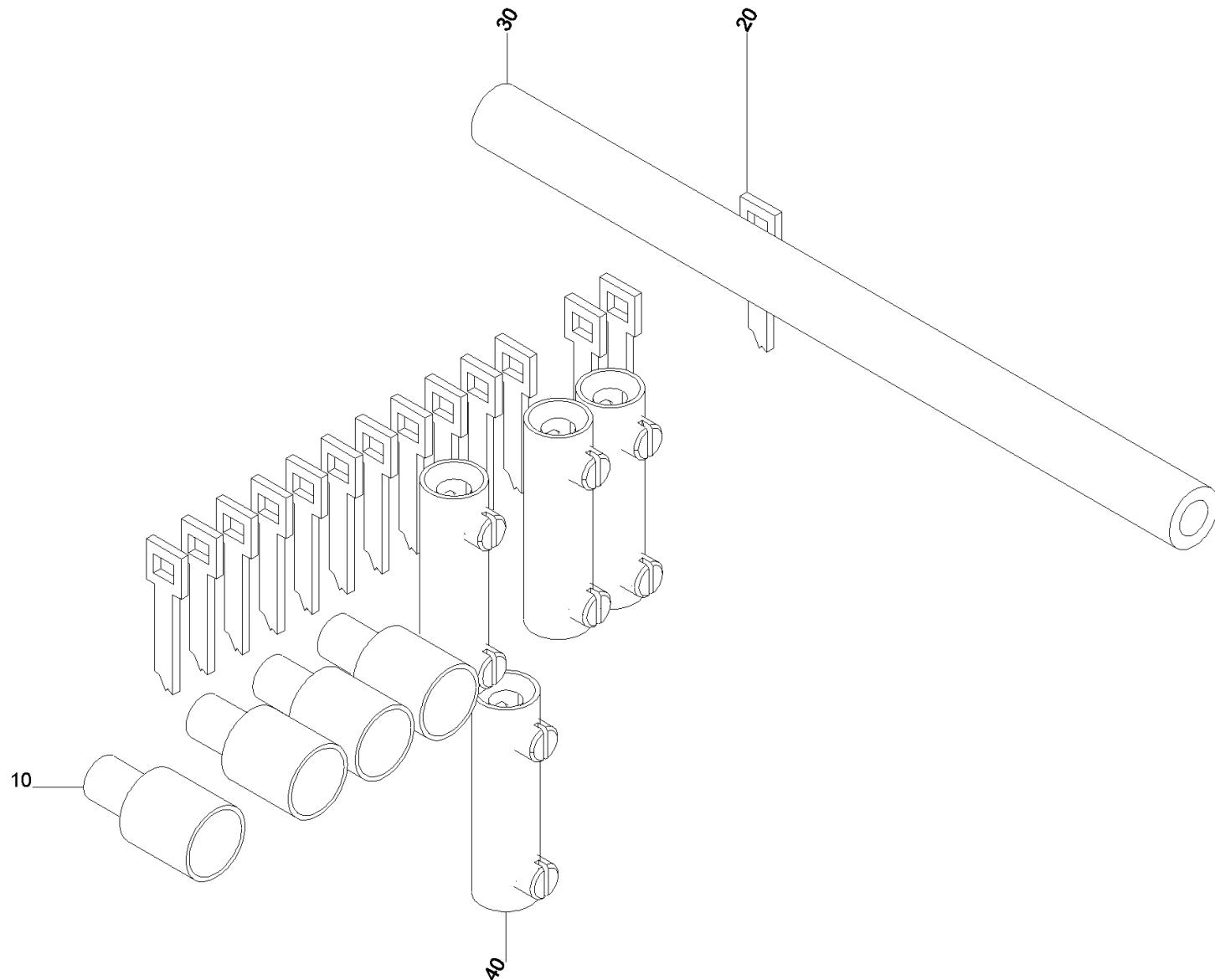
packaging machine (RM)\KPL machine format parts\format set\sealing die top section\cable block



pos	material	document	version	description	quantity	quantity unit	SPC
10	107731033	16000518692	A	cable block	1,000	PC	9
20	107703151			socket	1,000	PC	5
30	75000062202			hexagon-head bolt	3,000	PC	9
40	11650057203			cable block	1,000	PC	5
50	81861121032			toroidal seal	1,000	M	9

cable block  
107731033

packaging machine (RM)\KPL machine format parts\format set\sealing die top section\cable block\cable block



cable block

107731033

packaging machine (RM)\KPL machine format parts\format set\sealing die top section\cable block\cable block

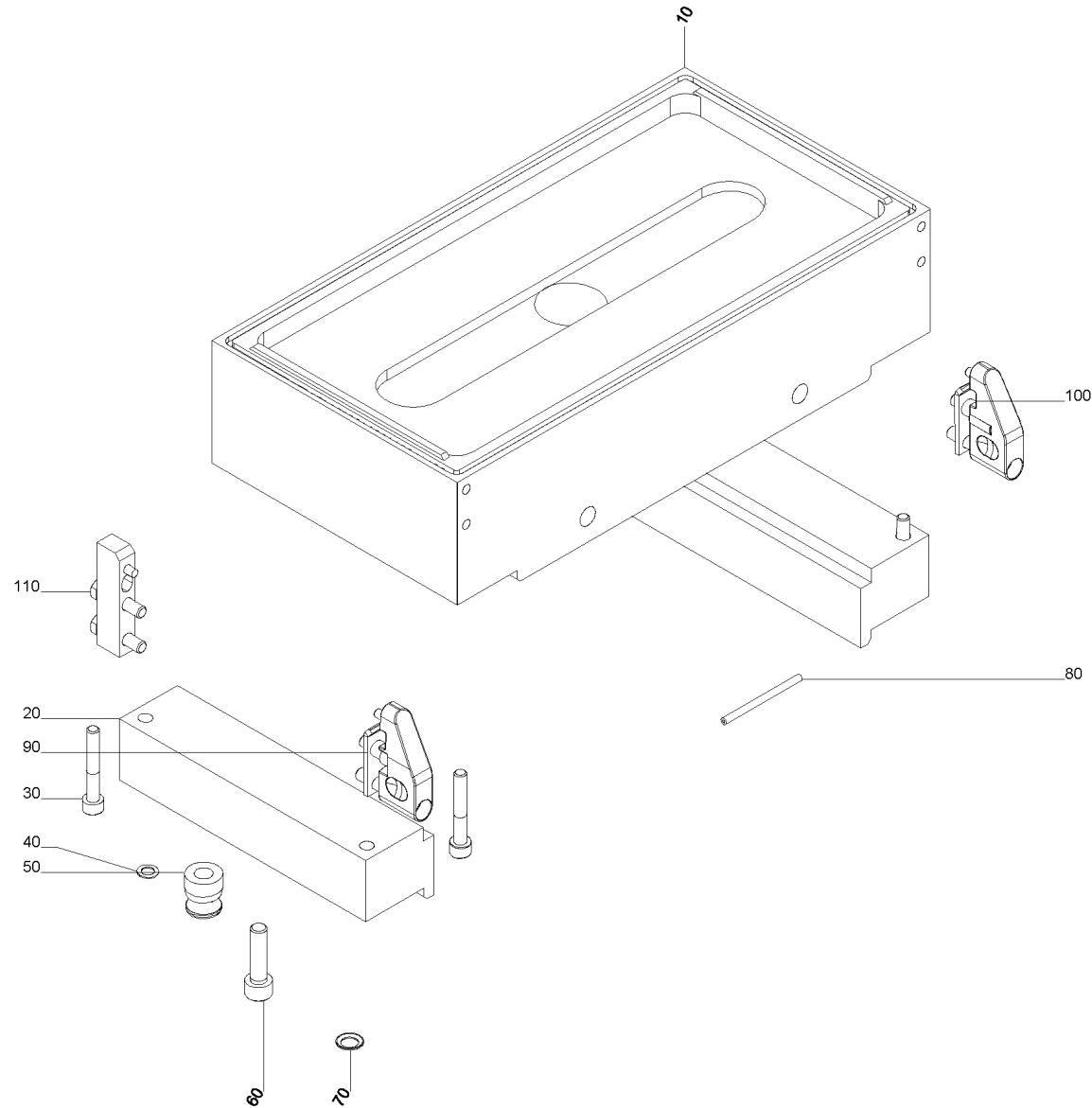


pos	material	document	version	description	quantity	quantity unit	SPC
10	85121193100			End connector	4,000	PC	9
20	85148201030			cable tie	14,000	PC	9
30	108029027			silicon hose	1,000	M	9
40	85151113100			clamping sleeve	4,000	PC	9

sealing die bottom section

108103641

packaging machine (RM)\KPL machine format parts\format set\sealing die bottom section



**sealing die bottom section**

108103641

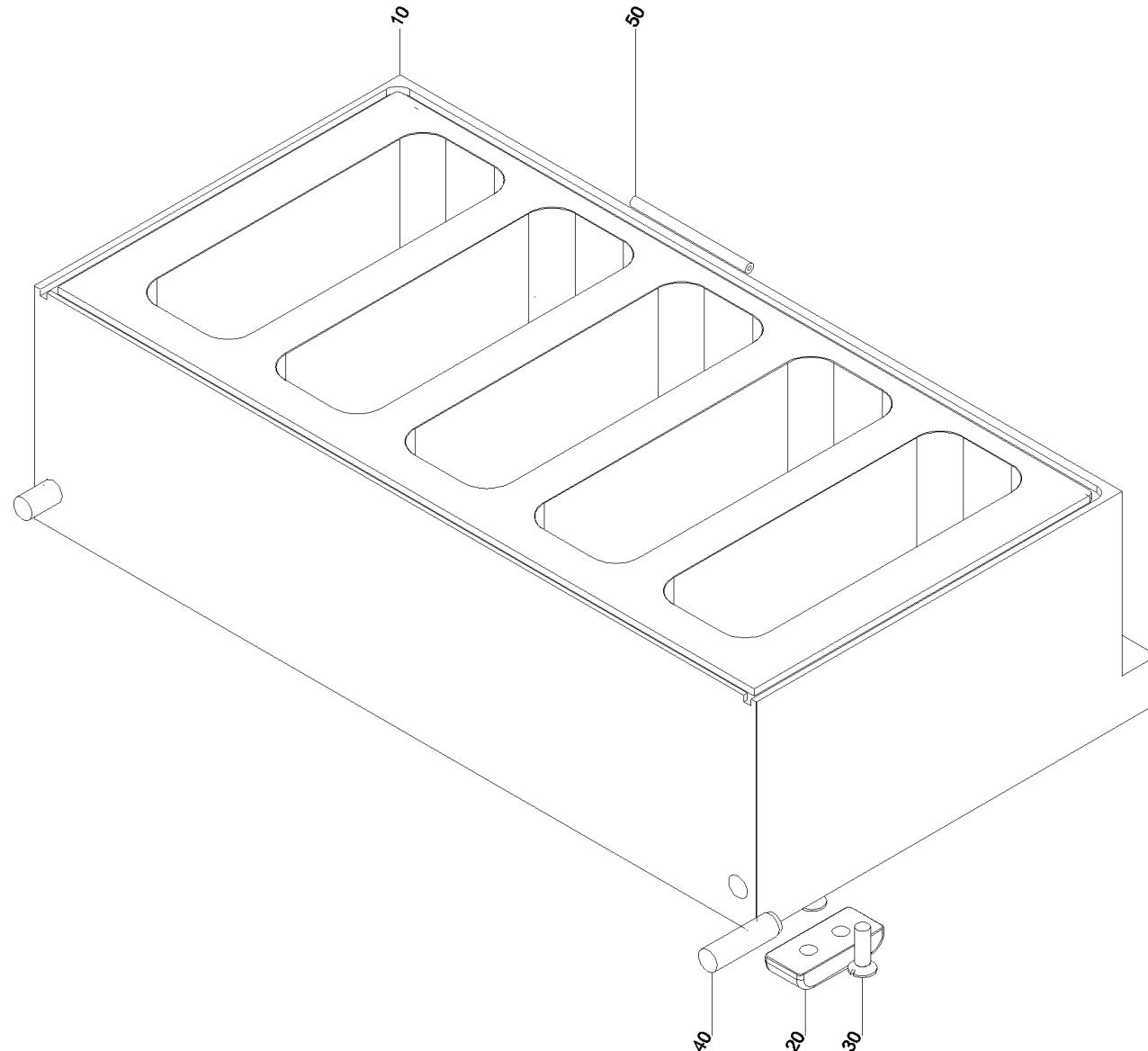
packaging machine (RM)\KPL machine format parts\format set\sealing die bottom section



pos	material	document	version	description	quantity	quantity unit	SPC
10	108103630			vacuum mould	1,000	PC	9
20	19222060162			bar	2,000	PC	9
30	75010061902			cylindrical screw	4,000	PC	9
40	75210070602			thrust washer	4,000	PC	9
50	11650035502			stud	2,000	PC	5
60	75010081702			cylindrical screw	2,000	PC	9
70	75210070802			thrust washer	2,000	PC	9
80	105879169			hose	1,000	M	1
90	106126451			mount	1,000	PC	9
100	106126593			mount	1,000	PC	9
110	105676236			mount	2,000	PC	9

forming plate  
108131699

packaging machine (RM)\KPL machine format parts\forming plate



**forming plate**

**108131699**

**packaging machine (RM)\KPL machine format parts\forming plate**

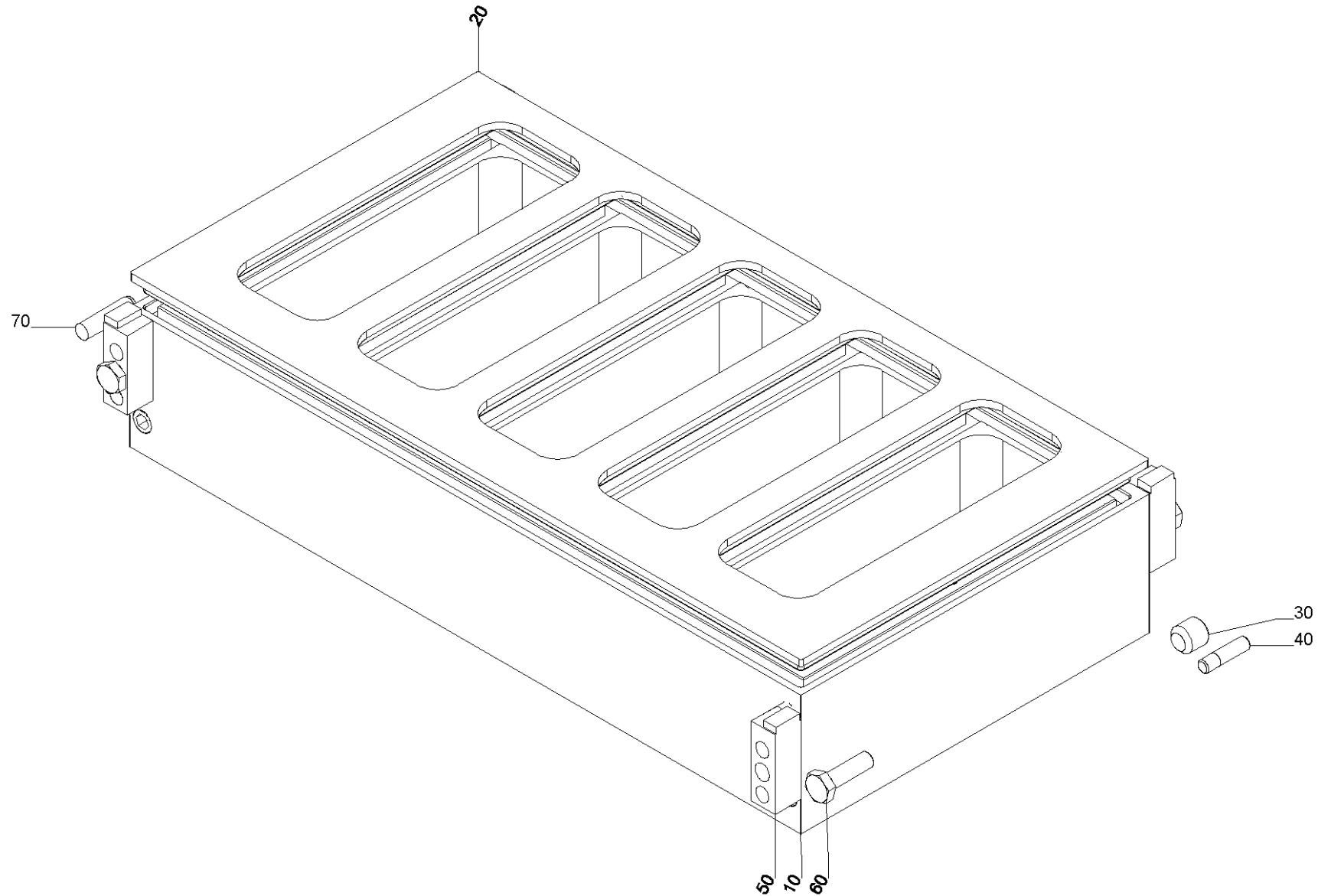


pos	material	document	version	description	quantity	quantity unit	SPC
10	108131698			forming plate	1,000	PC	N
20	11650068501			slider	2,000	PC	3
30	75021051102			countersunk flat head screw	4,000	PC	9
40	75301081602			straight pin	2,000	PC	9
50	105879169			hose	1,000	M	1

sealing grid  
108131681



packaging machine (RM)\KPL machine format parts\sealing grid



**sealing grid**

**108131681**

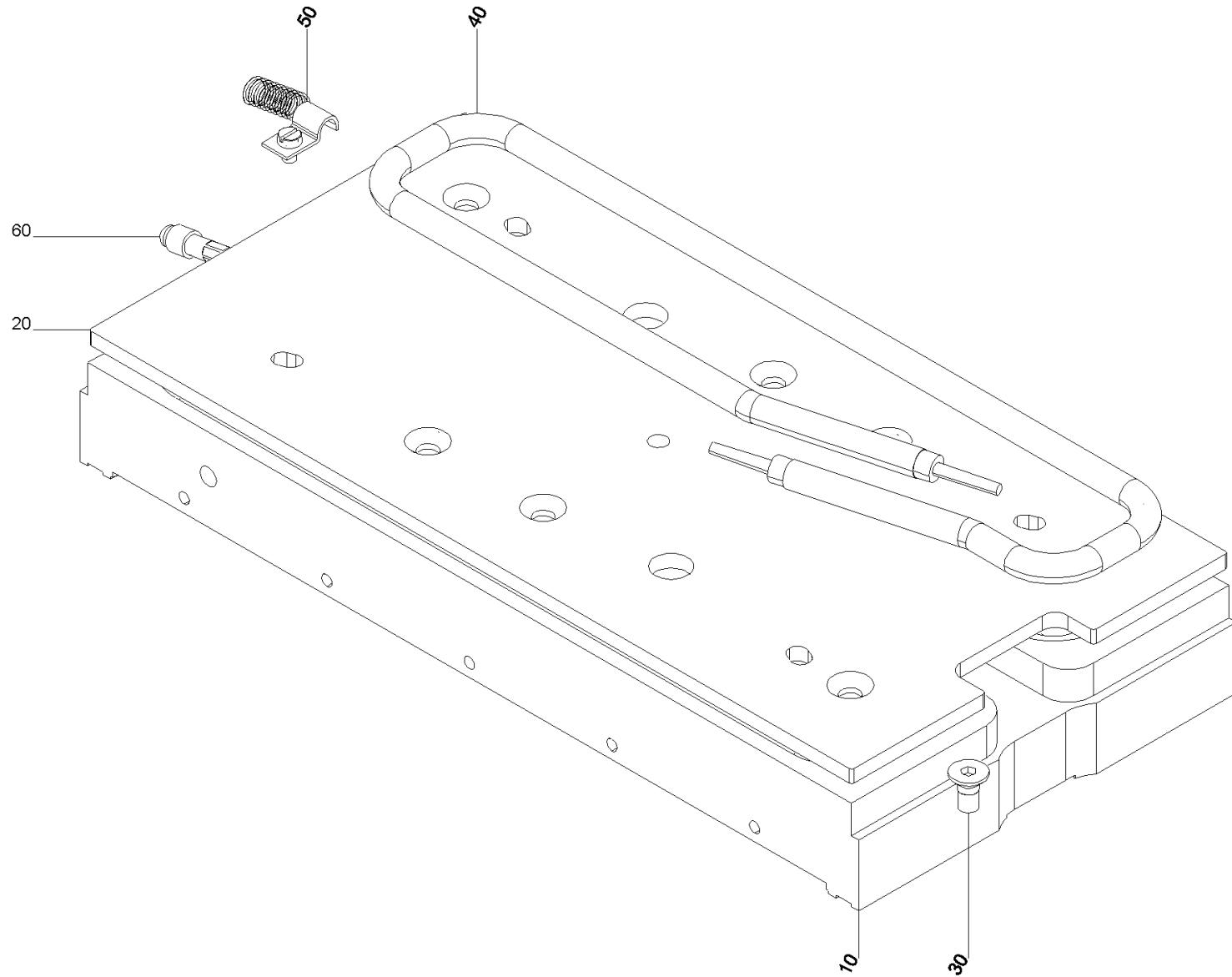
**packaging machine (RM)\KPL machine format parts\sealing grid**



pos	material	document	version	description	quantity	quantity unit	SPC
10	108131649			sealing grid	1,000	PC	9
20	108131650			sealing gasket	1,000	PC	W
30	75052100802			grub screw	4,000	PC	9
40	105578287			slotted headless screw	2,000	PC	9
50	11550968042			stop limit	4,000	PC	3
60	75001061316			hexagon-head bolt	4,000	PC	9
70	75300061402			straight pin	8,000	PC	9

sealing plate  
108132279

packaging machine (RM)\KPL machine format parts\sealing plate



sealing plate

108132279

packaging machine (RM)\KPL machine format parts\sealing plate

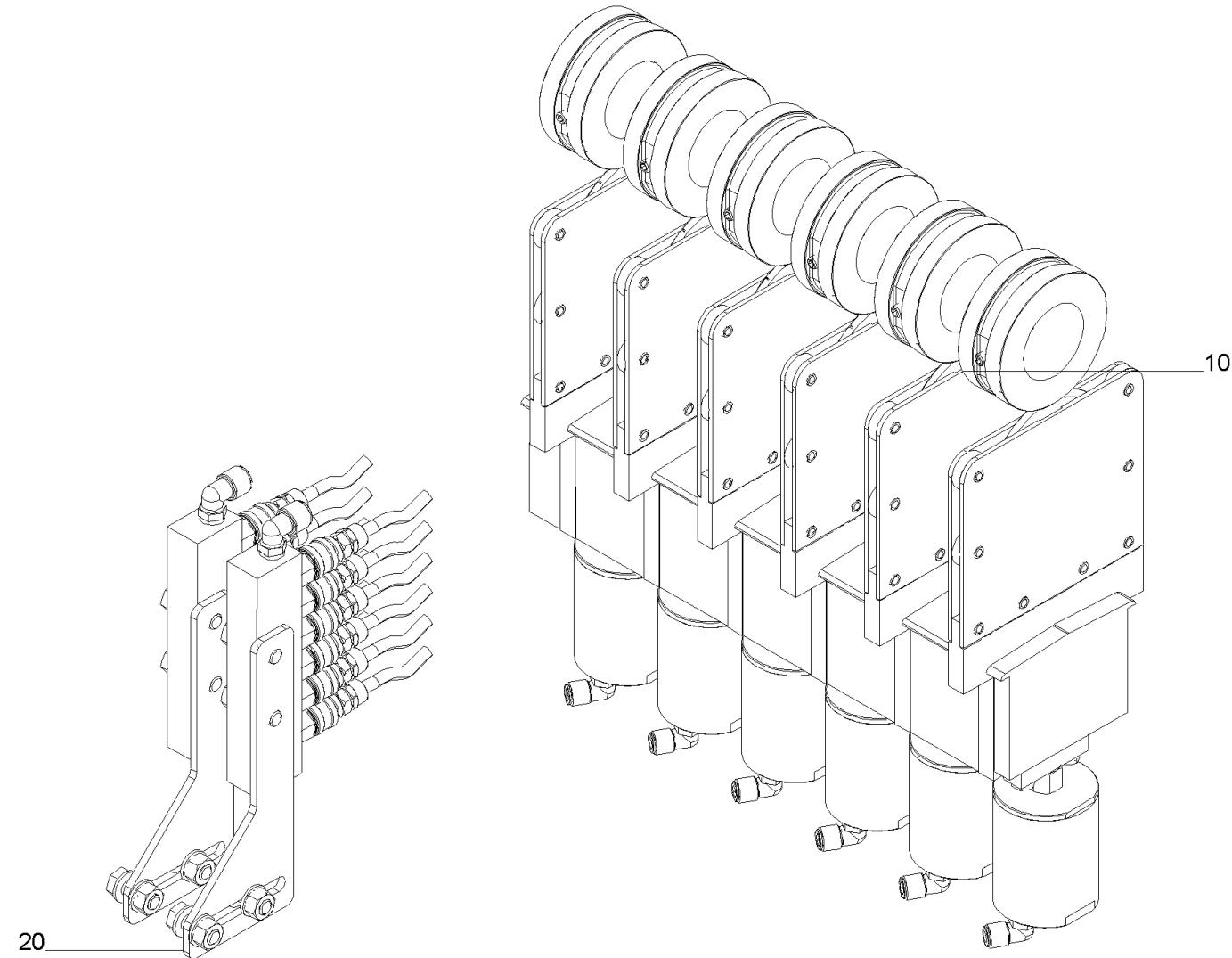


pos	material	document	version	description	quantity	quantity unit	SPC
10	108132277			sealing plate	1,000	PC	5
20	108102591			sheet	1,000	PC	N
30	75020060902			countersunk flat head screw	6,000	PC	9
40	19188101023			tubular heating element	2,000	PC	1
50	44000000004			electrical system	1,000	PC	9
60	107088416			temperature probe	1,000	PC	3
80	91123000004			thermal transfer compound	1,000	PC	N

**cutting parts**

**108103351**

**packaging machine (RM)\cutting parts**



**cutting parts**

**108103351**

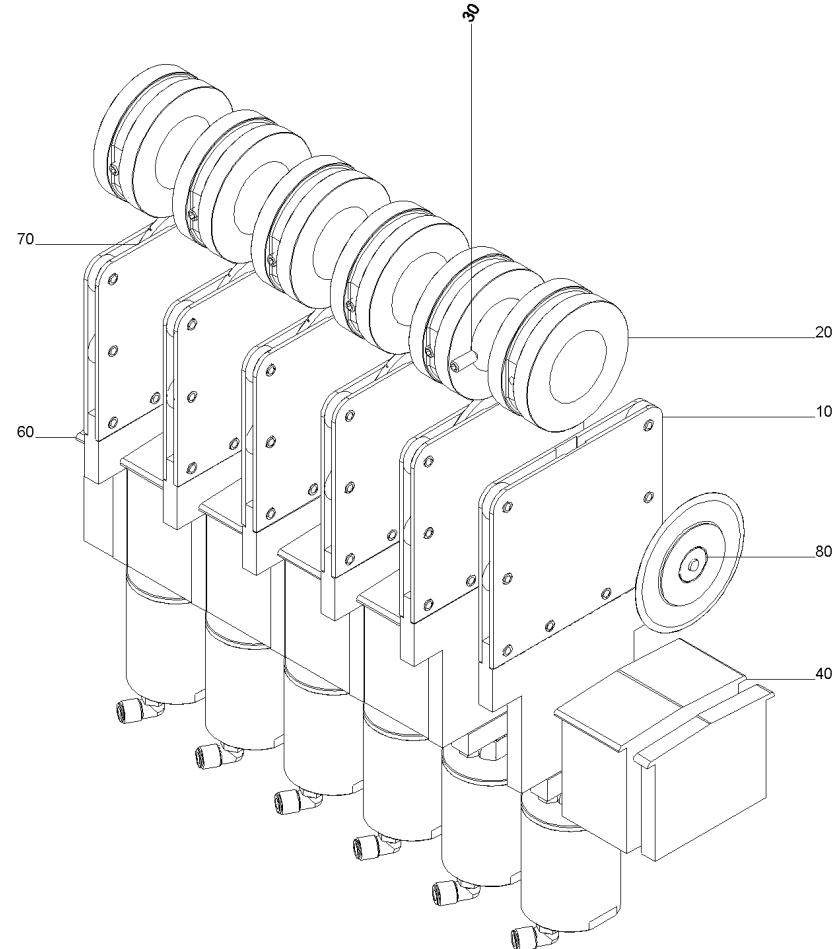
**packaging machine (RM)\cutting parts**



pos	material	document	version	description	quantity	quantity unit	SPC
10	108103334	16000593918	0	cutting parts	1,000	PC	N
20	106385029	16000181283	A	distributor strip	2,000	PC	9

cutting parts  
108103334

packaging machine (RM)\cutting parts\cutting parts



50

## cutting parts

108103334

packaging machine (RM)\cutting parts\cutting parts

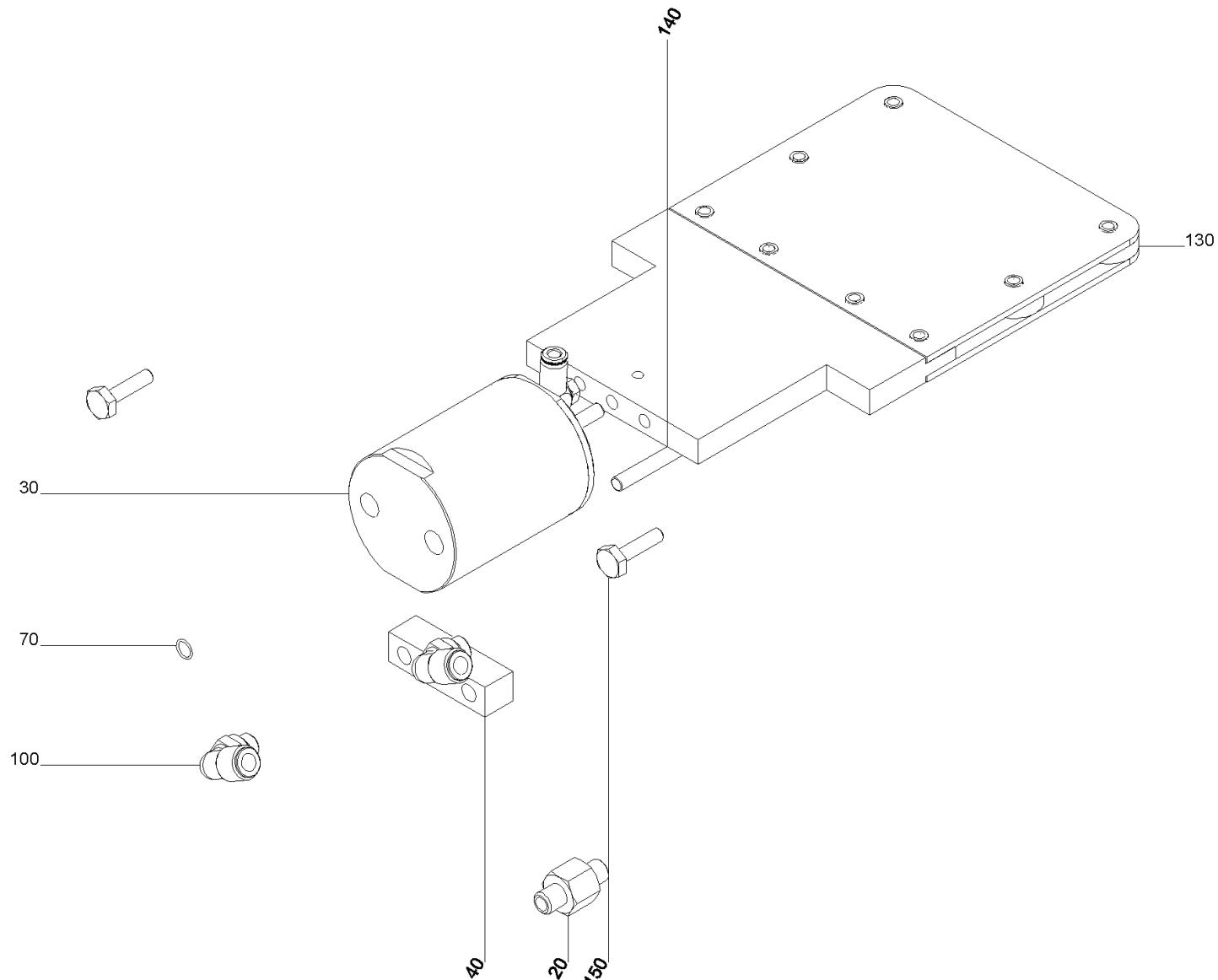


pos	material	document	version	description	quantity	quantity unit	SPC
10	105791497	16000058441	G	squeezing knife holder	6,000	PC	9
20	11551935704			cutter ring	6,000	PC	W
30	75053061102			grub screw	6,000	PC	9
40	108334743	16000637798	0	spacer	5,000	PC	9
50	107816301			spacer	1,000	PC	9
60	108087605			spacer	1,000	PC	9
70	11551916123			squeezing knife	4,000	PC	9
80	11551916013			squeezing knife	2,000	PC	9

squeezing knife holder

105791497

packaging machine (RM)\cutting parts\cutting parts\squeezing knife holder



squeezing knife holder

105791497

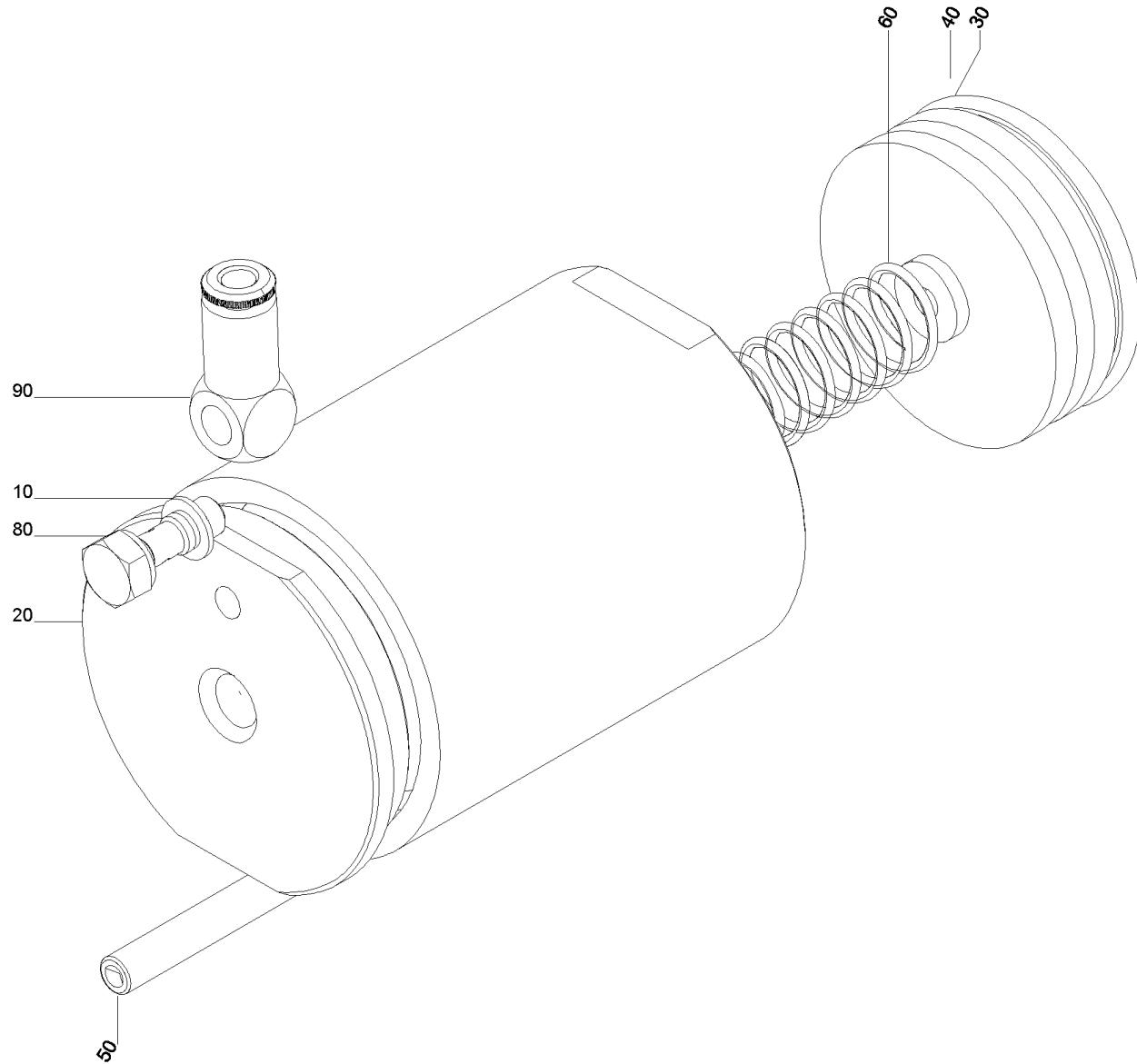
packaging machine (RM)\cutting parts\cutting parts\squeezing knife holder



pos	material	document	version	description	quantity	quantity unit	SPC
20	19123101010			barrel nipple	1,000	PC	5
30	106036294	16000134284	A	cylinder	1,000	PC	9
40	105821791			plate	1,000	PC	9
70	78301005150			o-ring	1,000	PC	1
100	105570956			threaded coupling	2,000	PC	9
120	91147512086			adhesive	1,000	PC	C
130	107159733	16000378248	0	guide	1,000	PC	9
140	107159715			pressure piece	1,000	PC	9
150	75001061316			hexagon-head bolt	2,000	PC	9

cylinder  
106036294

packaging machine (RM)\cutting parts\cutting parts\squeezing knife holder\cylinder



cylinder

106036294

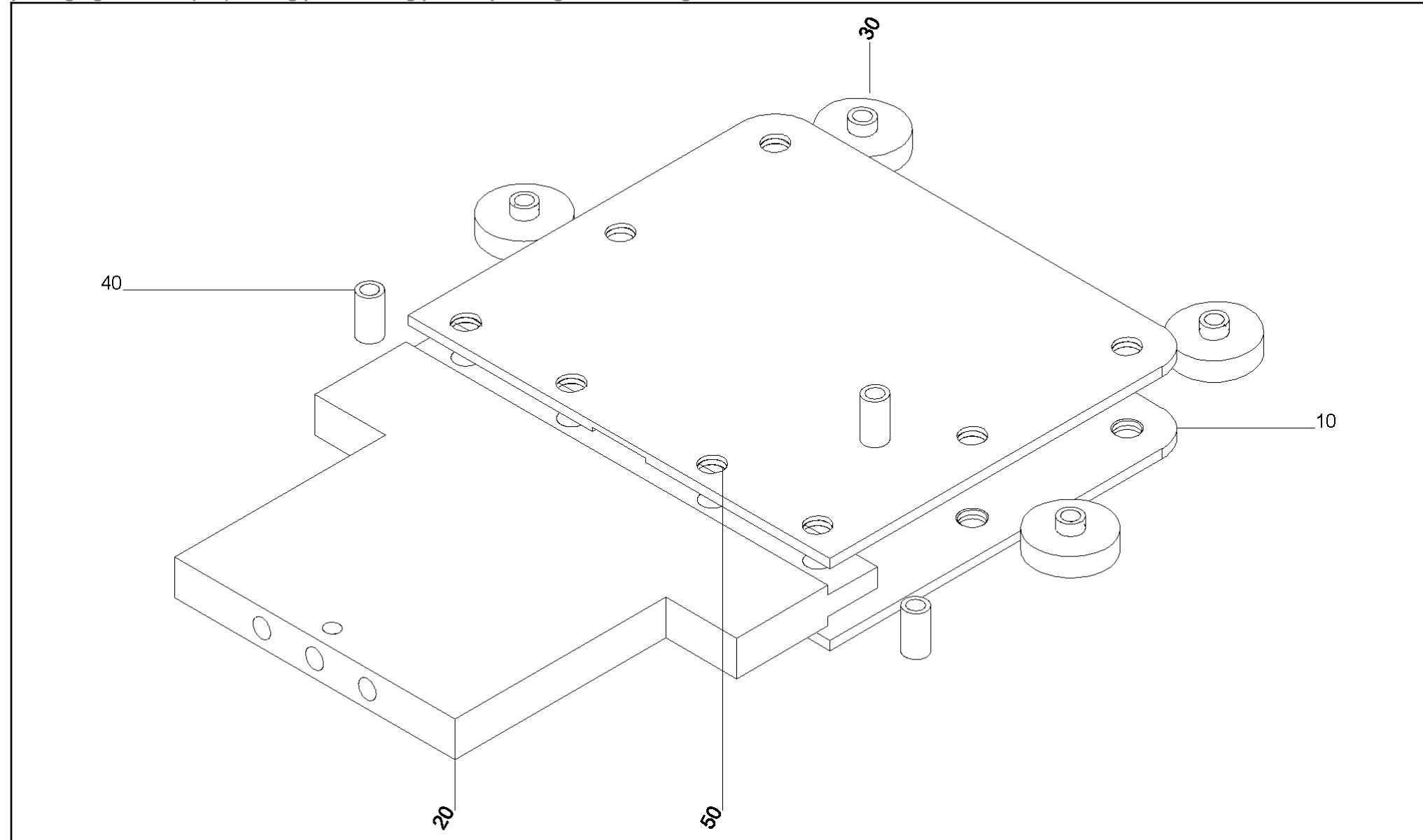
packaging machine (RM)\cutting parts\cutting parts\squeezing knife holder\cylinder



pos	material	document	version	description	quantity	quantity unit	SPC
10	105658015			cylindrical tube	1,000	PC	9
20	106036292			lid	1,000	PC	9
30	11551957500			piston	1,000	PC	9
40	80209401010			k grooved ring	1,000	PC	1
50	11551958510			piston rod	1,000	PC	9
60	19781121300			pressure spring	1,000	PC	3
70	91147512011			adhesive	0,010	PC	C
80	105430828			banjo bolt	1,000	PC	9
90	105430826			swivel ring	1,000	PC	9

guide  
107159733

packaging machine (RM)\cutting parts\cutting parts\squeezing knife holder\guide



guide

107159733

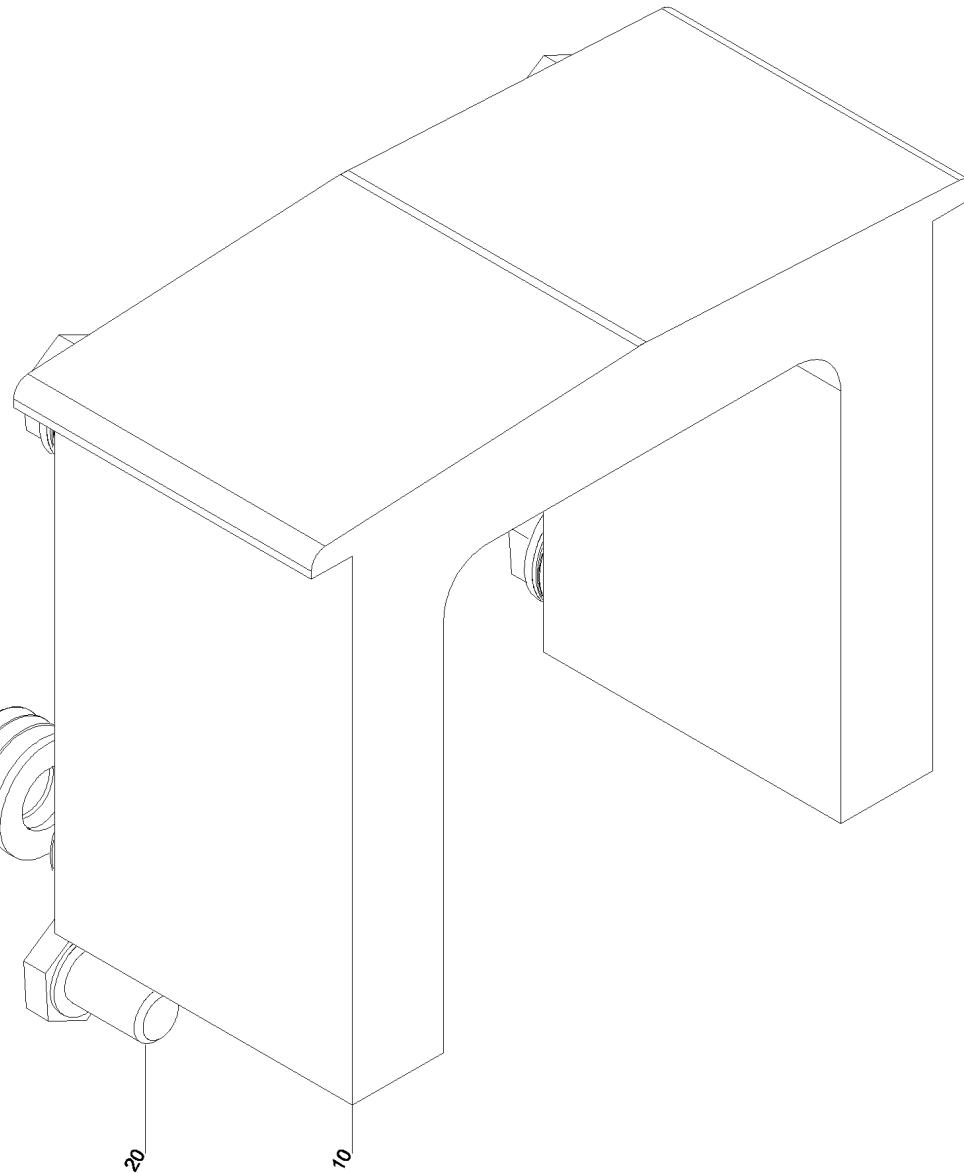
packaging machine (RM)\cutting parts\cutting parts\squeezing knife holder\guide



pos	material	document	version	description	quantity	quantity unit	SPC
10	11551963560			lateral guide plate	2,000	PC	9
20	107155144			lateral guide plate	1,000	PC	9
30	11551959600			disk	4,000	PC	9
40	11551959500			rivet	4,000	PC	9
50	11551917300			knife holder	1,000	PC	5

spacer  
108334743

packaging machine (RM)\cutting parts\cutting parts\spacer



spacer

108334743

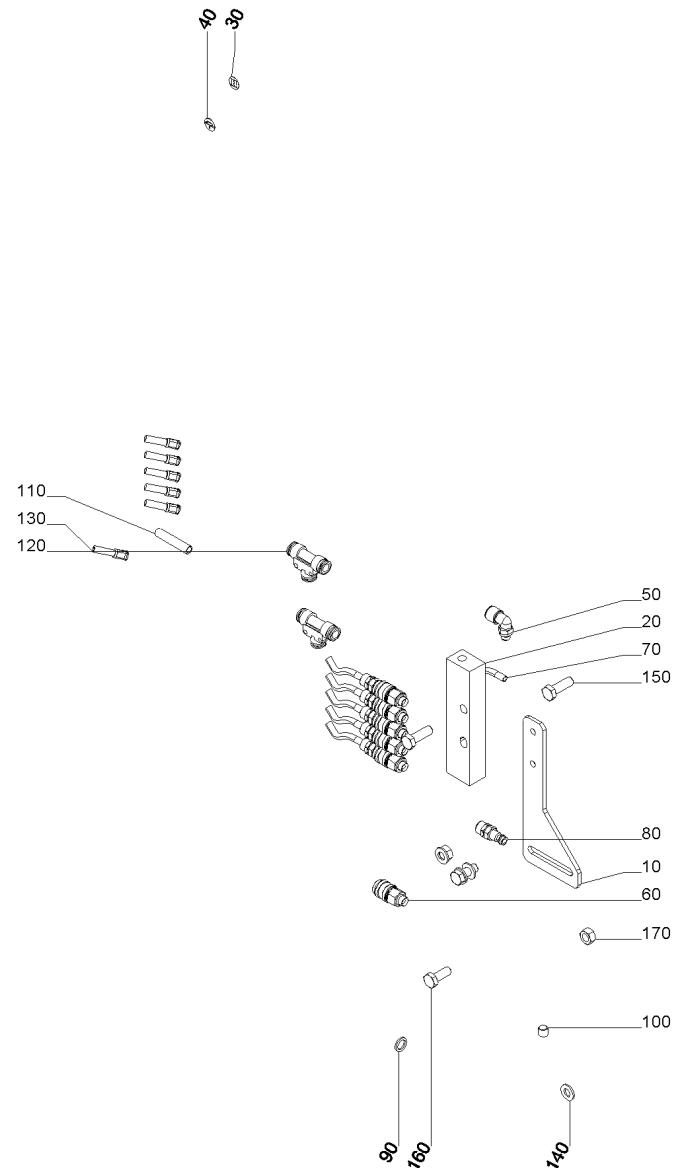
packaging machine (RM)\cutting parts\cutting parts\spacer



pos	material	document	version	description	quantity	quantity unit	SPC
10	108334705			spacer	1,000	PC	9
20	108060451			hexagon-head bolt	4,000	PC	9
30	108092773			shim ring	4,000	PC	9
40	108092772			shim ring	8,000	PC	9
50	108092759			shim ring	4,000	PC	9
60	108092752			shim ring	4,000	PC	9

distributor strip  
106385029

packaging machine (RM)\cutting parts\distributor strip



## distributor strip

106385029

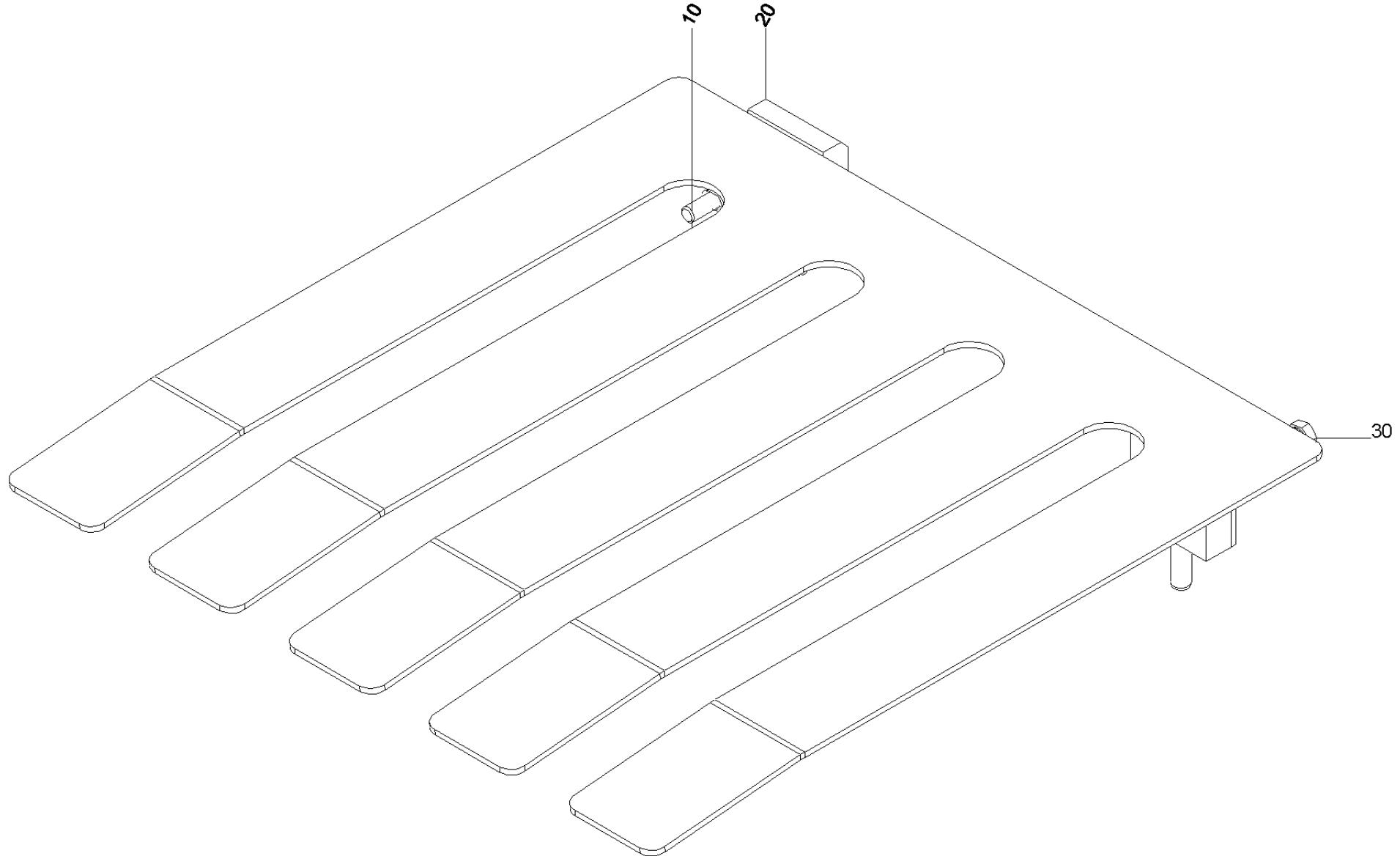
packaging machine (RM)\cutting parts\distributor strip



pos	material	document	version	description	quantity	quantity unit	SPC
10	106254171			mount	1,000	PC	N
20	106387847			bar	1,000	PC	9
30	81981555584			signpost	1,000	PC	9
40	81981555586			signpost	1,000	PC	9
50	105534015			threaded coupling	1,000	PC	9
60	81141821701			quick-close coupling	6,000	PC	9
70	81811251303			pa tube	2,000	M	9
80	81141820302			connector coupling	6,000	PC	9
90	81141806522			sealing ring	6,000	PC	9
100	75206025115			screw plug	1,000	PC	9
110	81811251304			pa tube	2,000	M	9
120	81141842603			threaded coupling	2,000	PC	9
130	81141839002			cap plug	6,000	PC	9
140	75211010802			disk	4,000	PC	9
150	75001081516			hexagon-head bolt	2,000	PC	9
160	75001081316			hexagon-head bolt	2,000	PC	9
170	75200000802			hexagon nut	2,000	PC	9

ramp plate  
108088437

packaging machine (RM)\ramp plate



ramp plate

108088437

packaging machine (RM)\ramp plate

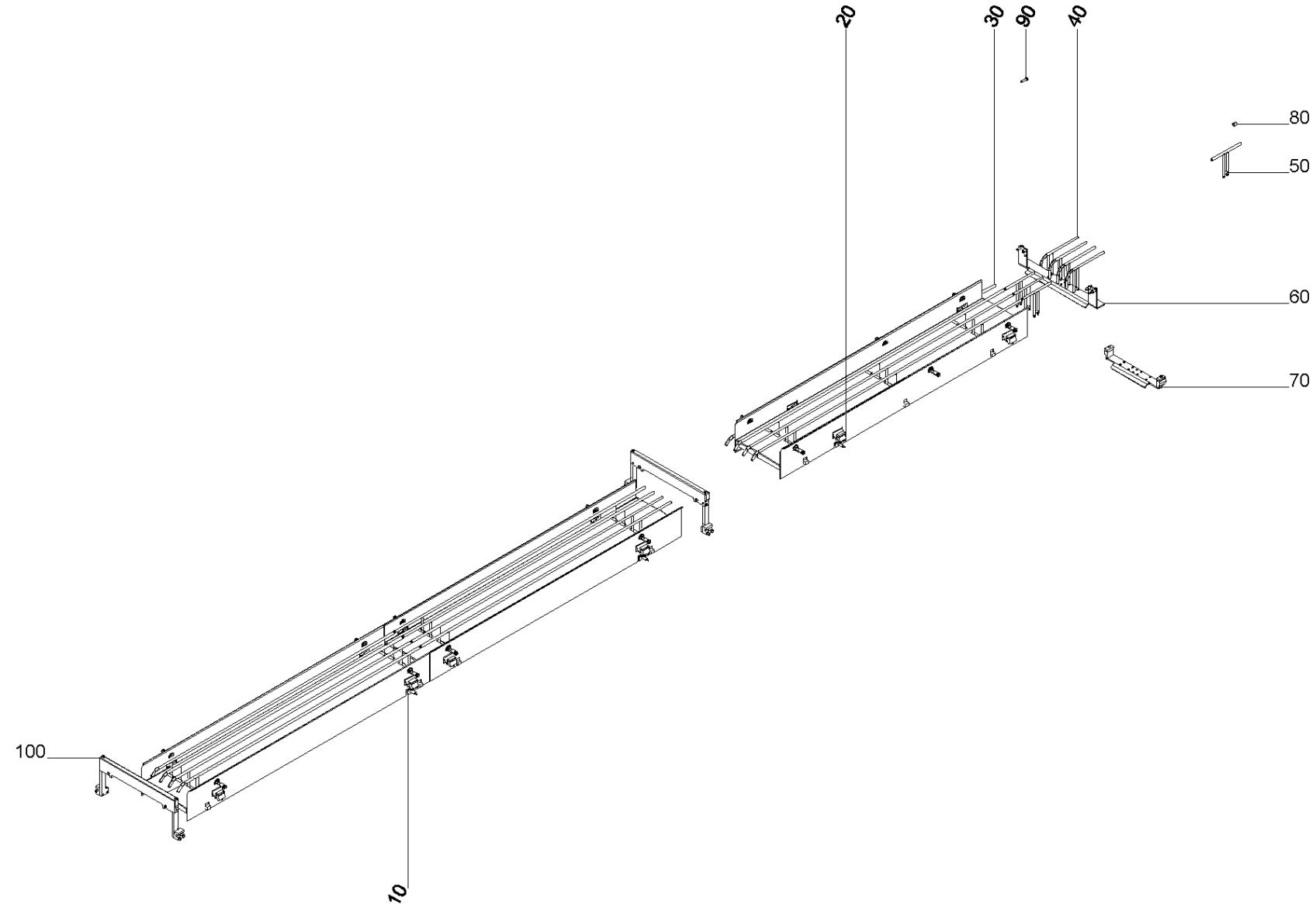


pos	material	document	version	description	quantity	quantity unit	SPC
10	108088432	16000363423	A	ramp plate	1,000	PC	9
20	55219100000			block	2,000	PC	9
30	75001050902			hexagon-head bolt	4,000	PC	9

supporting system

108108697

packaging machine (RM)\supporting system



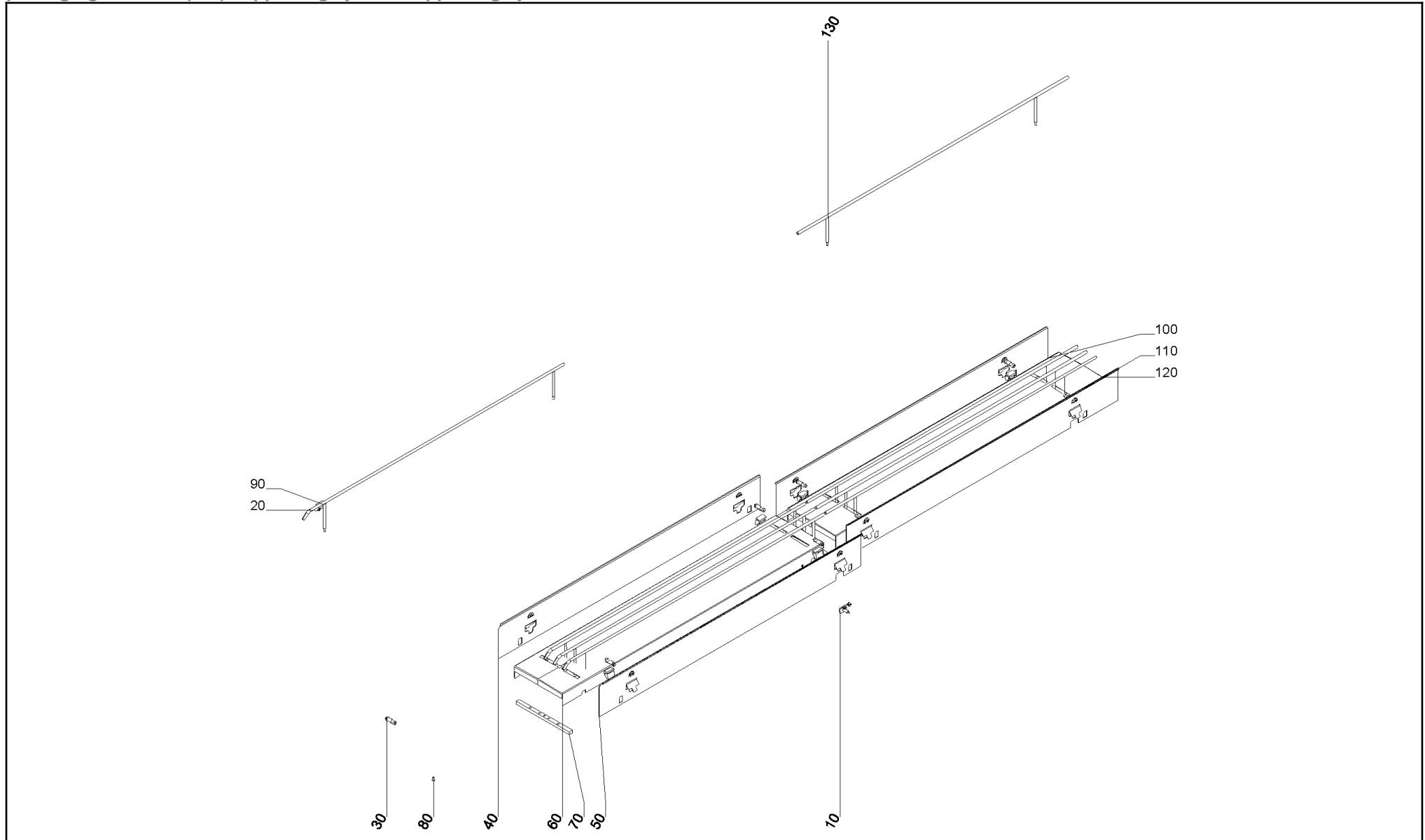
**supporting system****108108697****packaging machine (RM)\supporting system**

pos	material	document	version	description	quantity	quantity unit	SPC
10	108105422	16000596065	0	supporting system	1,000	PC	N
20	108109010	16000596081	0	supporting system	1,000	PC	N
30	108112862			support bar	4,000	PC	N
40	105730307			support bar	4,000	PC	N
50	108109521	16000596069	0	support bar	4,000	PC	N
60	108109731			cross-arm	1,000	PC	N
70	108109669	16000596077	0	cross-arm	1,000	PC	N
80	107278952			female connector	4,000	PC	N
90	75001081716			hexagon-head bolt	4,000	PC	9
100	106073302	16000143875	B	bar	2,000	PC	9

supporting system

108105422

packaging machine (RM)\supporting system\supporting system



**supporting system****108105422**

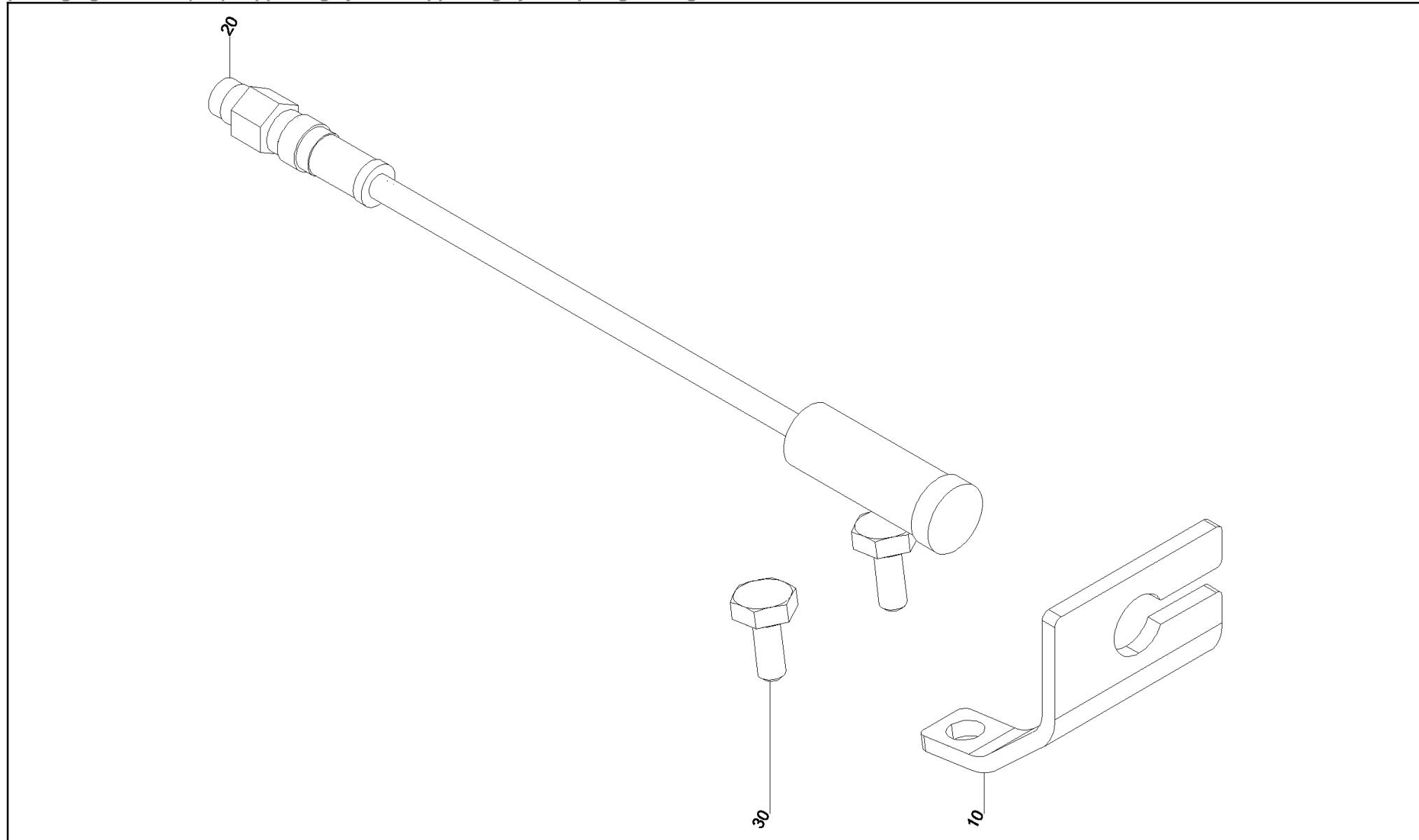
packaging machine (RM)\supporting system\supporting system



pos	material	document	version	description	quantity	quantity unit	SPC
10	105914209	16000085991	0	part guarding	2,000	PC	9
20	105605345			mount	8,000	PC	9
30	105713271			spacer bolts	8,000	PC	9
40	108105414			side plate	1,000	PC	N
50	108105415			side plate	1,000	PC	N
60	108105418			support plate	1,000	PC	N
70	108105416			crossbar	4,000	PC	N
80	75010060902			cylindrical screw	8,000	PC	9
90	108105421			support bar	4,000	PC	N
100	106002151			side plate	1,000	PC	N
110	106002152			side plate	1,000	PC	N
120	108105419			support plate	1,000	PC	N
130	106002167	16000101808	0	support bar	4,000	PC	9

part guarding  
105914209

packaging machine (RM)\supporting system\supporting system\part guarding



part guarding

105914209

packaging machine (RM)\supporting system\supporting system\part guarding

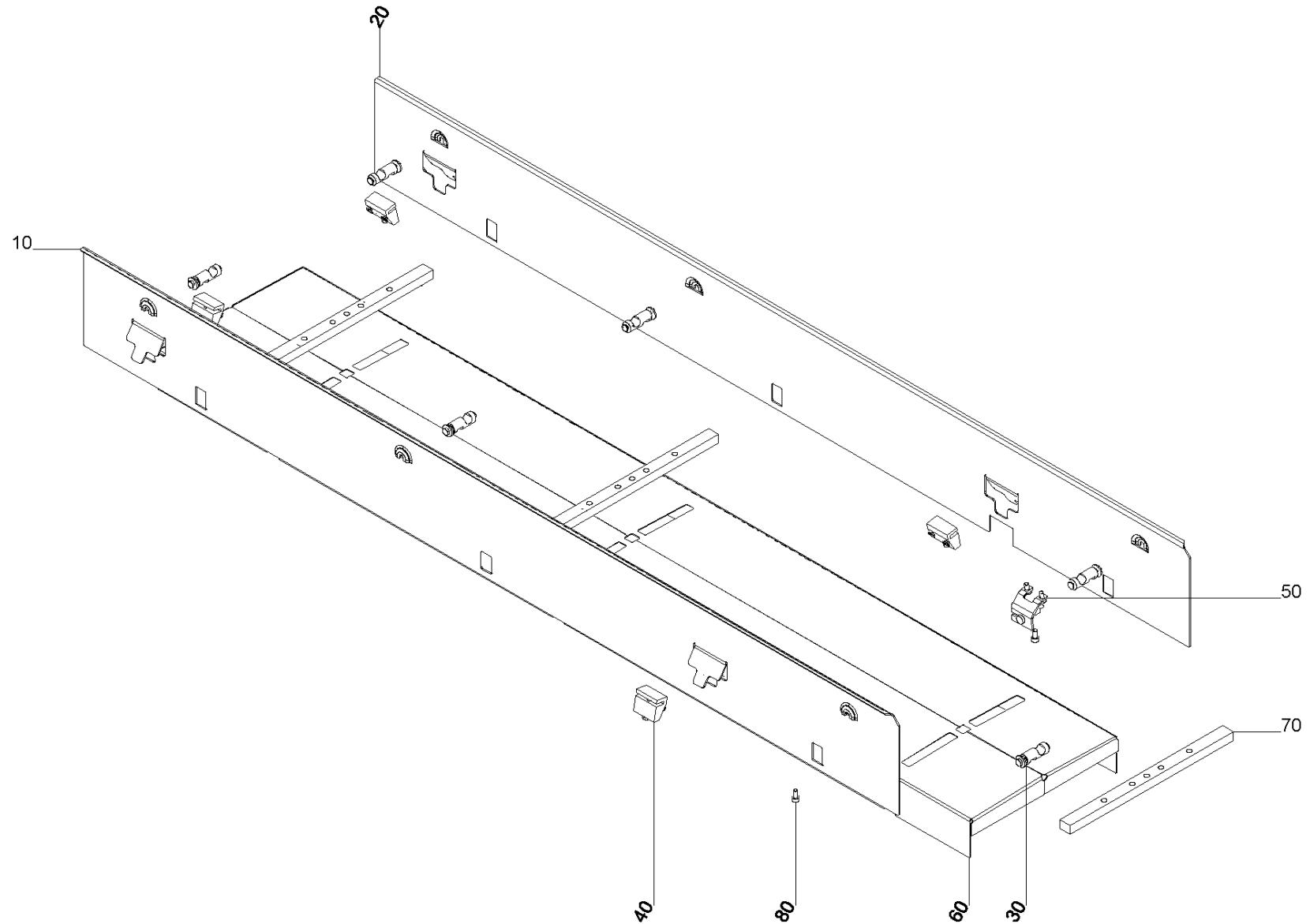


pos	material	document	version	description	quantity	quantity unit	SPC
10	105720368			sheet	1,000	PC	9
20	105778984			magnetic reed switch	1,000	PC	5
30	75001060916			hexagon-head bolt	2,000	PC	9

supporting system  
108109010



packaging machine (RM)\supporting system\supporting system



**supporting system**

**108109010**

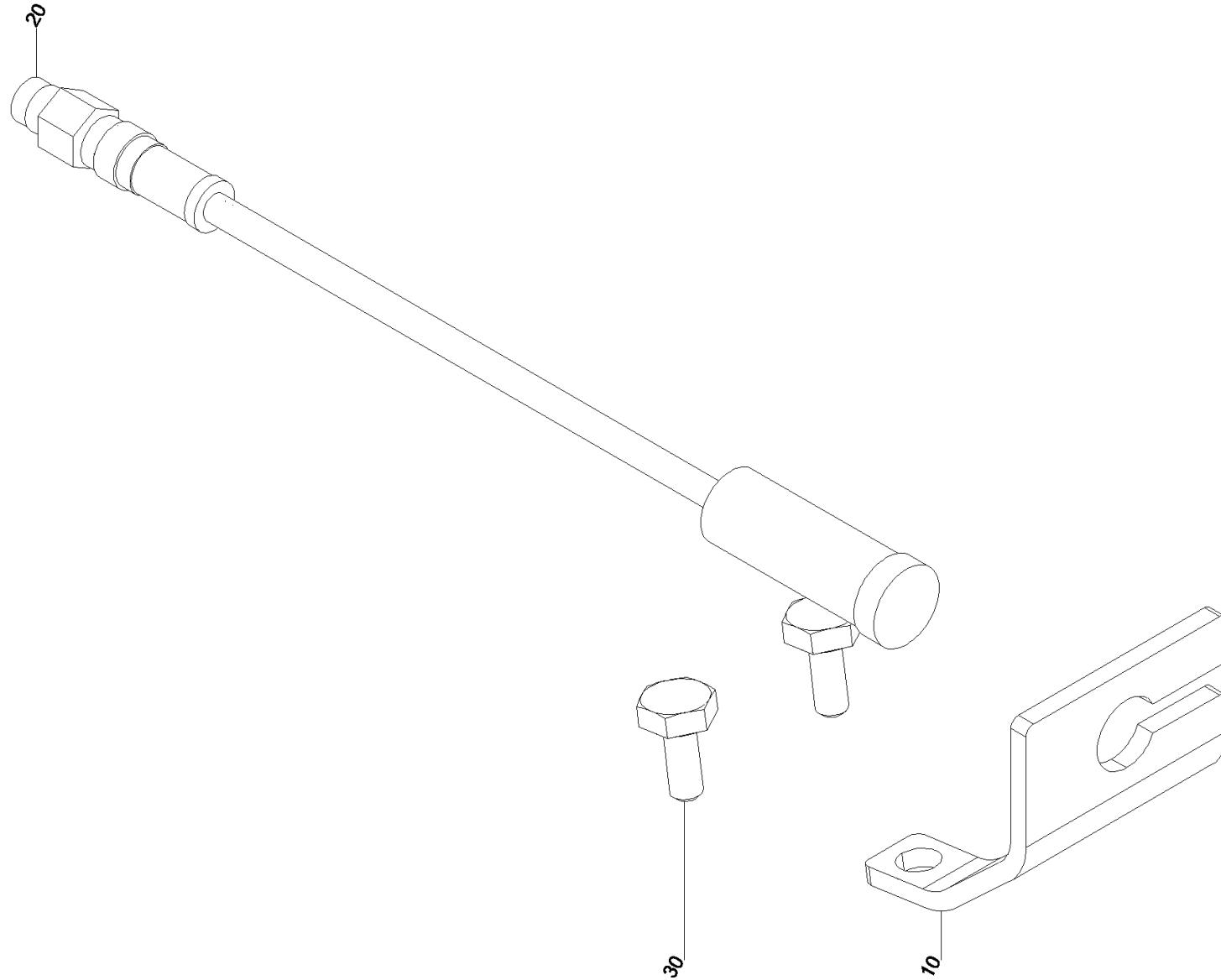
**packaging machine (RM)\supporting system\supporting system**



pos	material	document	version	description	quantity	quantity unit	SPC
10	107520957			side plate	1,000	PC	9
20	107520996			side plate	1,000	PC	9
30	105713271			spacer bolts	6,000	PC	9
40	105605345			mount	4,000	PC	9
50	105914209	16000085991	0	part guarding	1,000	PC	9
60	108109192			support plate	1,000	PC	N
70	108105416			crossbar	3,000	PC	N
80	75010060902			cylindrical screw	6,000	PC	9

part guarding  
105914209

packaging machine (RM)\supporting system\supporting system\part guarding



part guarding

105914209

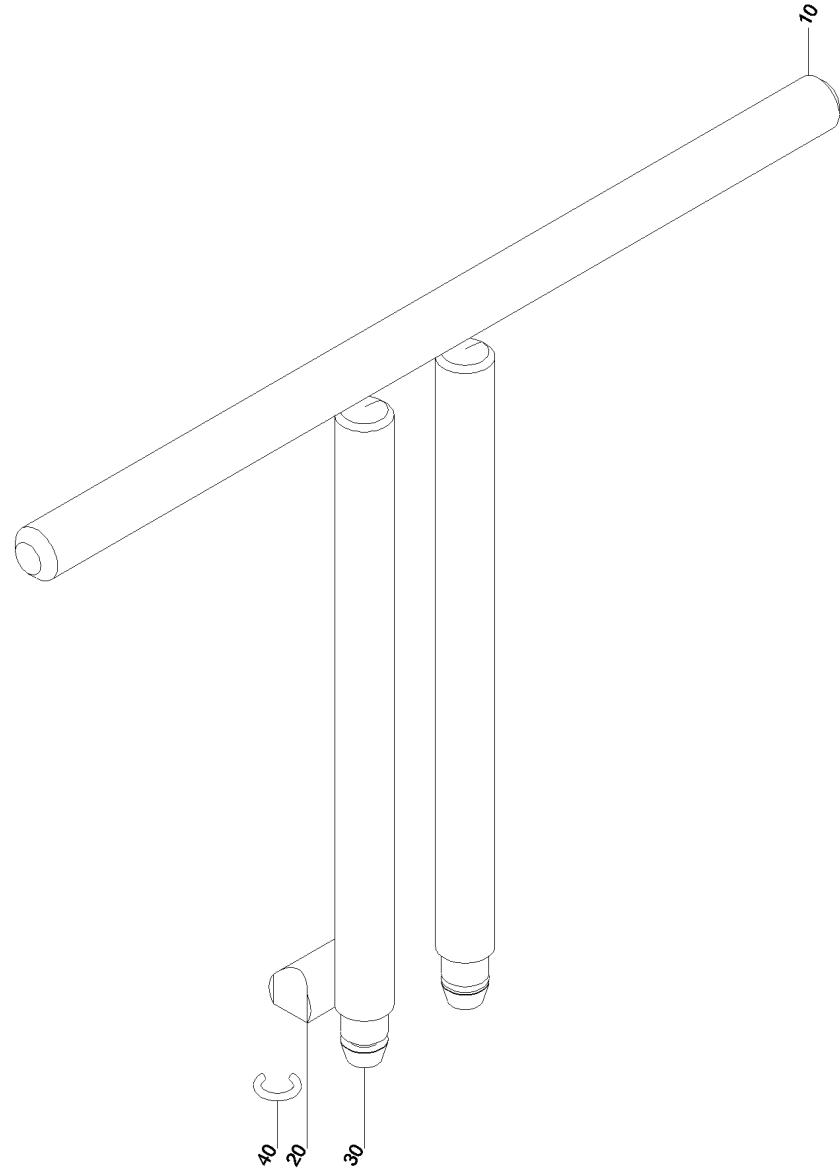
packaging machine (RM)\supporting system\supporting system\part guarding



pos	material	document	version	description	quantity	quantity unit	SPC
10	105720368			sheet	1,000	PC	9
20	105778984			magnetic reed switch	1,000	PC	5
30	75001060916			hexagon-head bolt	2,000	PC	9

support bar  
108109521

packaging machine (RM)\supporting system\support bar



**support bar**

**108109521**

**packaging machine (RM)\supporting system\support bar**

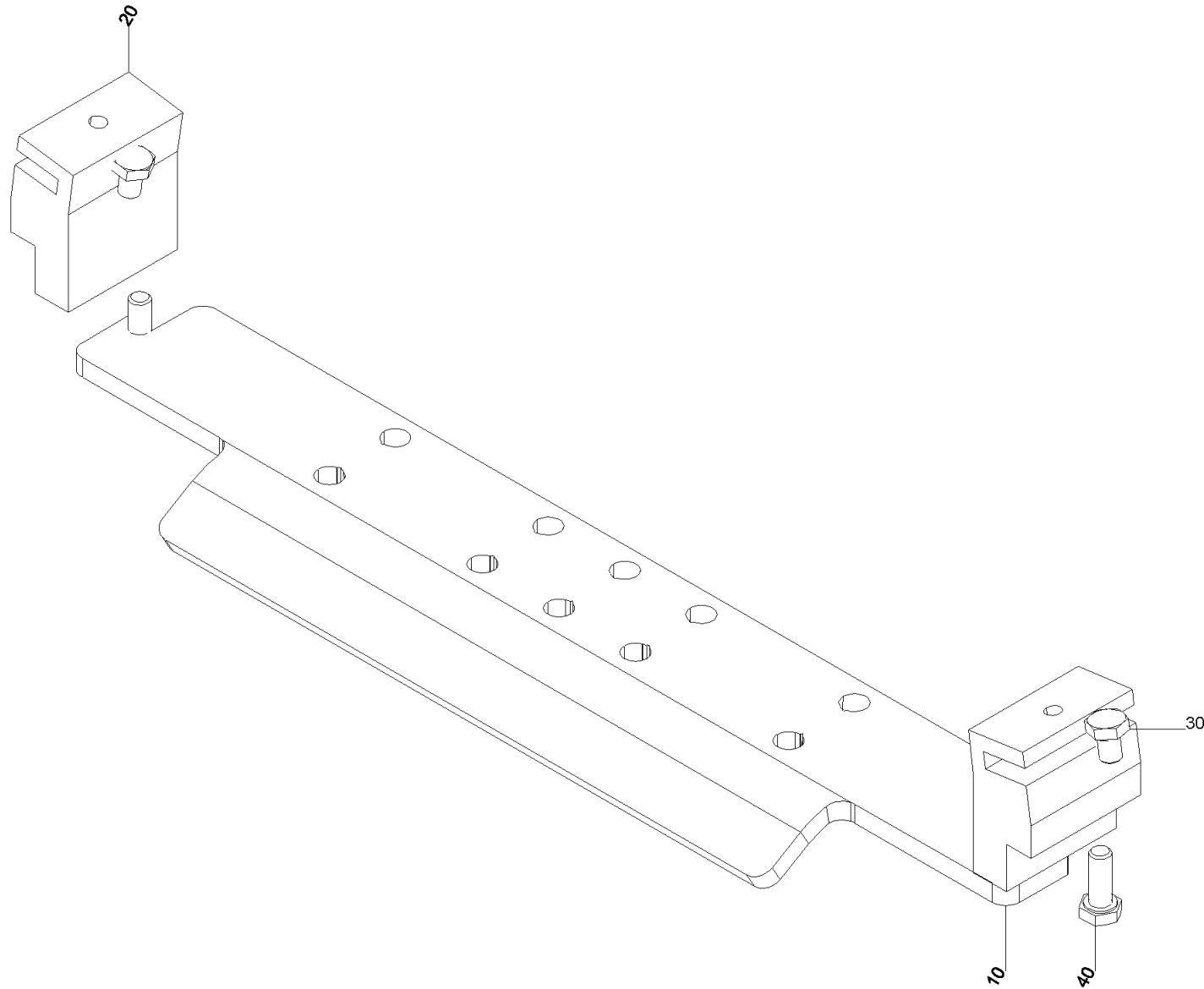


pos	material	document	version	description	quantity	quantity unit	SPC
10	106600231			shaft	1,000	PC	9
20	107804183			shaft	1,000	PC	N
30	106503498			stud	2,000	PC	9
40	106016611			circlip	2,000	PC	9

cross-arm  
108109669



packaging machine (RM)\supporting system\cross-arm



**cross-arm**

**108109669**

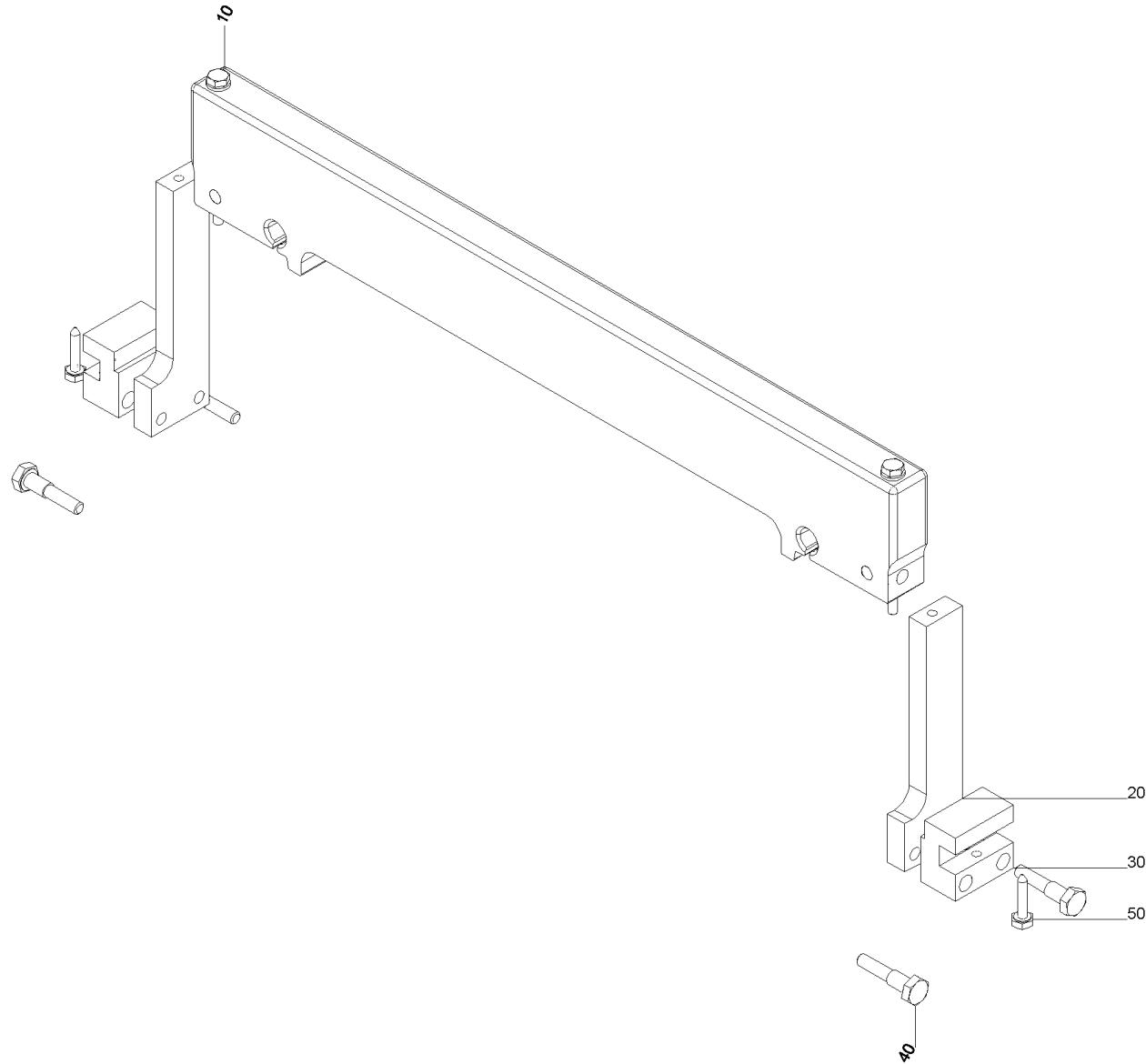
**packaging machine (RM)\supporting system\cross-arm**



pos	material	document	version	description	quantity	quantity unit	SPC
10	108109668			cross-arm	1,000	PC	N
20	105678655			clamping piece	2,000	PC	9
30	75001060602			hexagon-head bolt	2,000	PC	9
40	75001061102			hexagon-head bolt	2,000	PC	9

bar  
106073302

packaging machine (RM)\supporting system\bar



bar

106073302

packaging machine (RM)\supporting system\bar

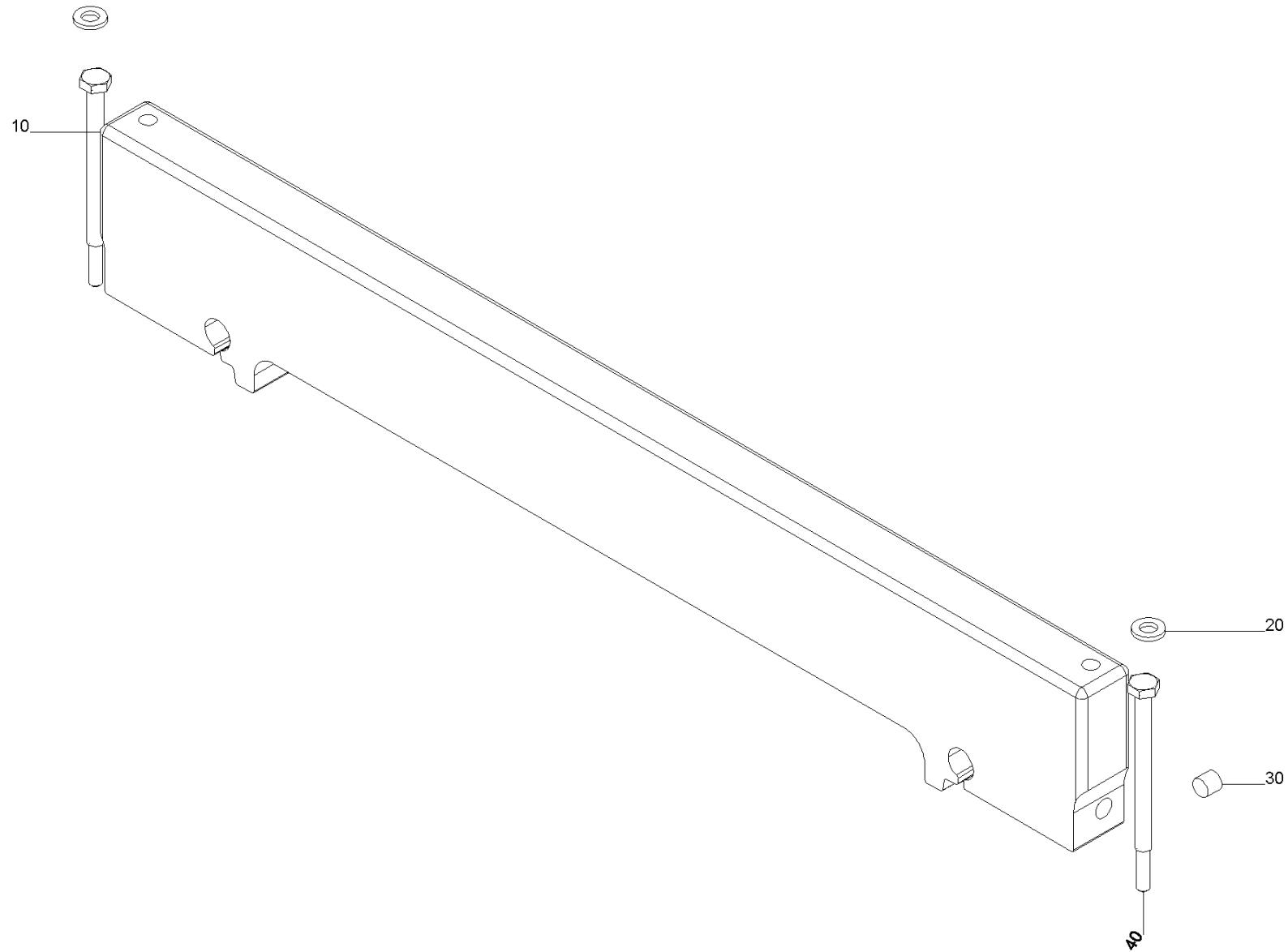


pos	material	document	version	description	quantity	quantity unit	SPC
10	105872815	16000111520	A	bar	1,000	PC	9
20	105936024			mount	2,000	PC	9
30	11644060200			claw	2,000	PC	9
40	75000081816			hexagon-head bolt	4,000	PC	9
50	105205878			hexagon-head bolt	2,000	PC	9

bar

105872815

packaging machine (RM)\supporting system\bar\bar



bar

105872815

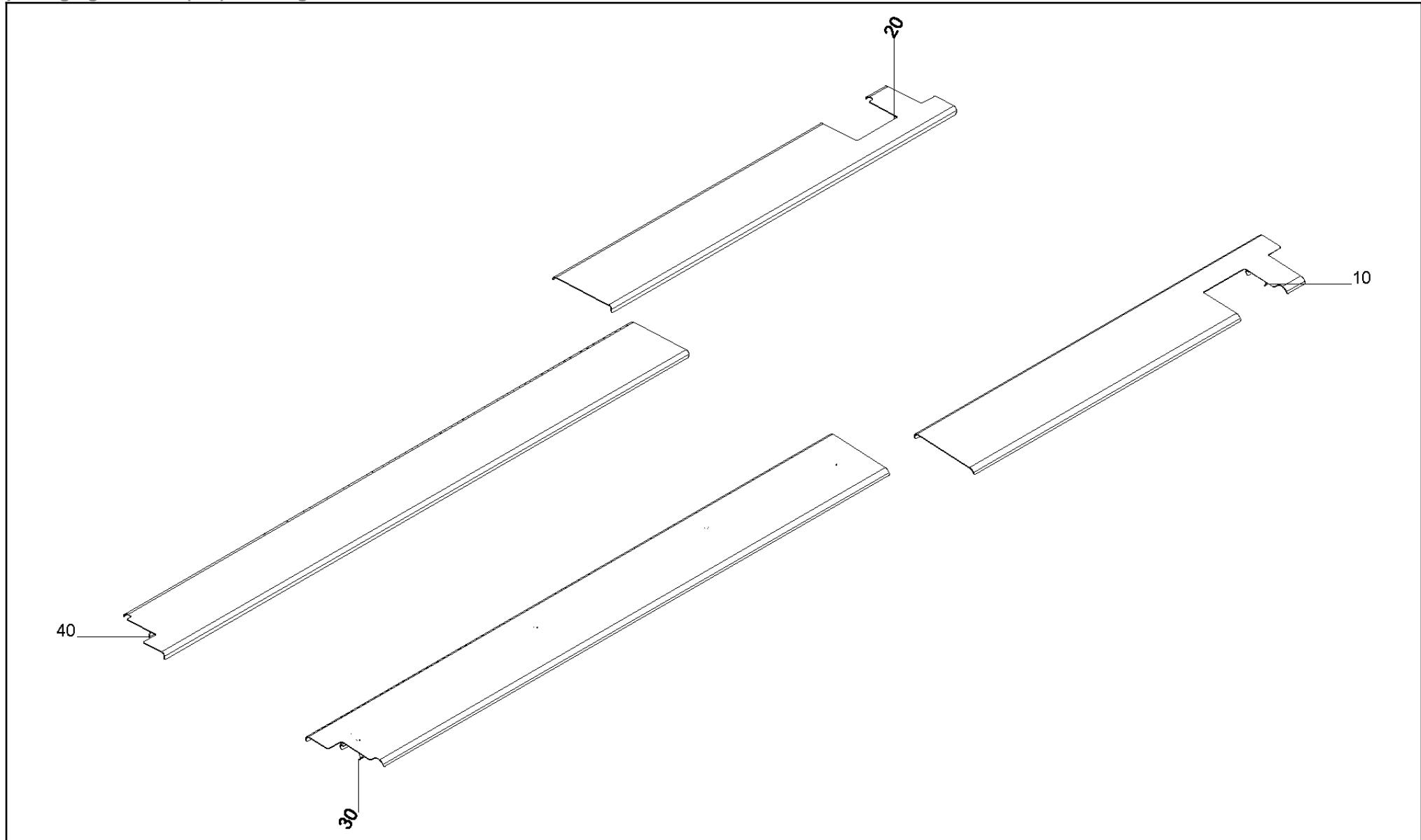
packaging machine (RM)\supporting system\bar\bar



pos	material	document	version	description	quantity	quantity unit	SPC
10	105872811			bar	1,000	PC	9
20	75211010602			disk	2,000	PC	9
30	85463101003			round magnet	2,000	PC	3
40	75000062802			hexagon-head bolt	2,000	PC	9
50	91147512084			adhesive	0,010	PC	5

cladding  
108372322

packaging machine (RM)\cladding



cladding  
108372322

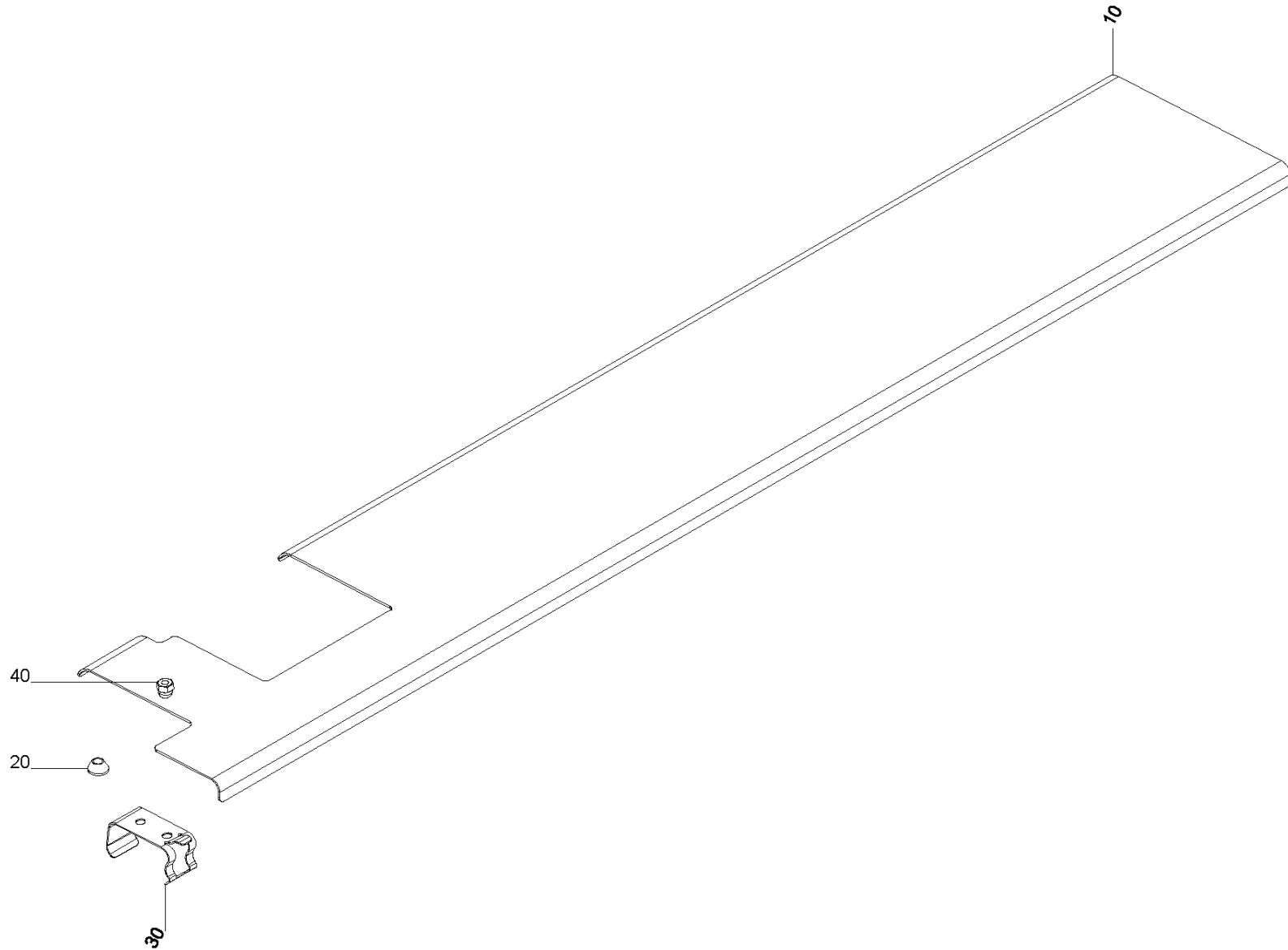
packaging machine (RM)\cladding



pos	material	document	version	description	quantity	quantity unit	SPC
10	108372325	16000646463	0	cladding	1,000	PC	9
20	108372328	16000646433	0	cladding	1,000	PC	9
30	108372384	16000646462	0	cladding	1,000	PC	N
40	108372367	16000646435	0	cladding	1,000	PC	9

cladding  
108372325

packaging machine (RM)\cladding\cladding



cladding  
108372325

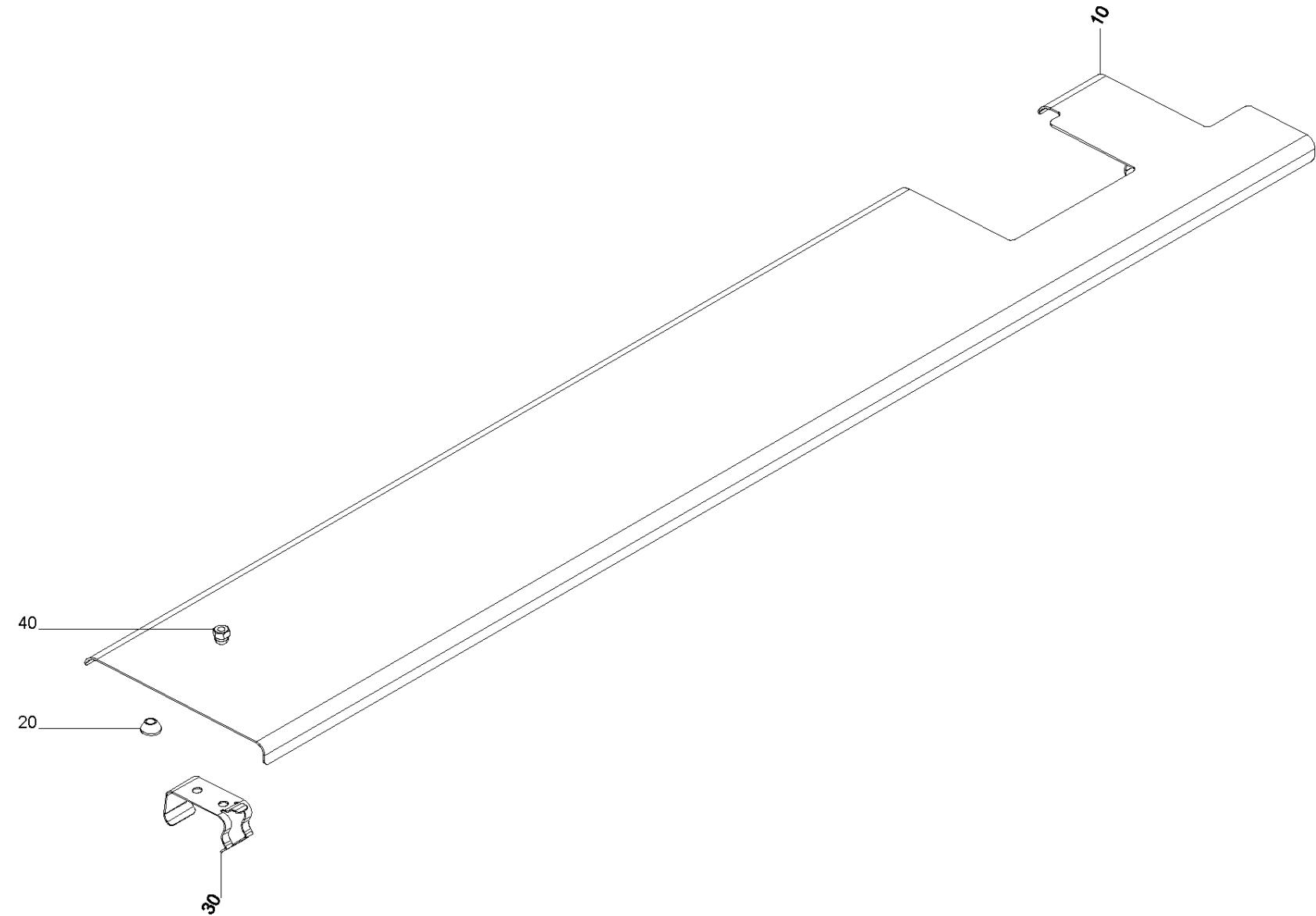
packaging machine (RM)\cladding\cladding



pos	material	document	version	description	quantity	quantity unit	SPC
10	108372326			cladding	1,000	PC	9
20	107187745			female connector	6,000	PC	9
30	107187179			cramp	3,000	PC	9
40	75200300602			cap nut	6,000	PC	9

cladding  
108372328

packaging machine (RM)\cladding\cladding



**cladding**  
**108372328**

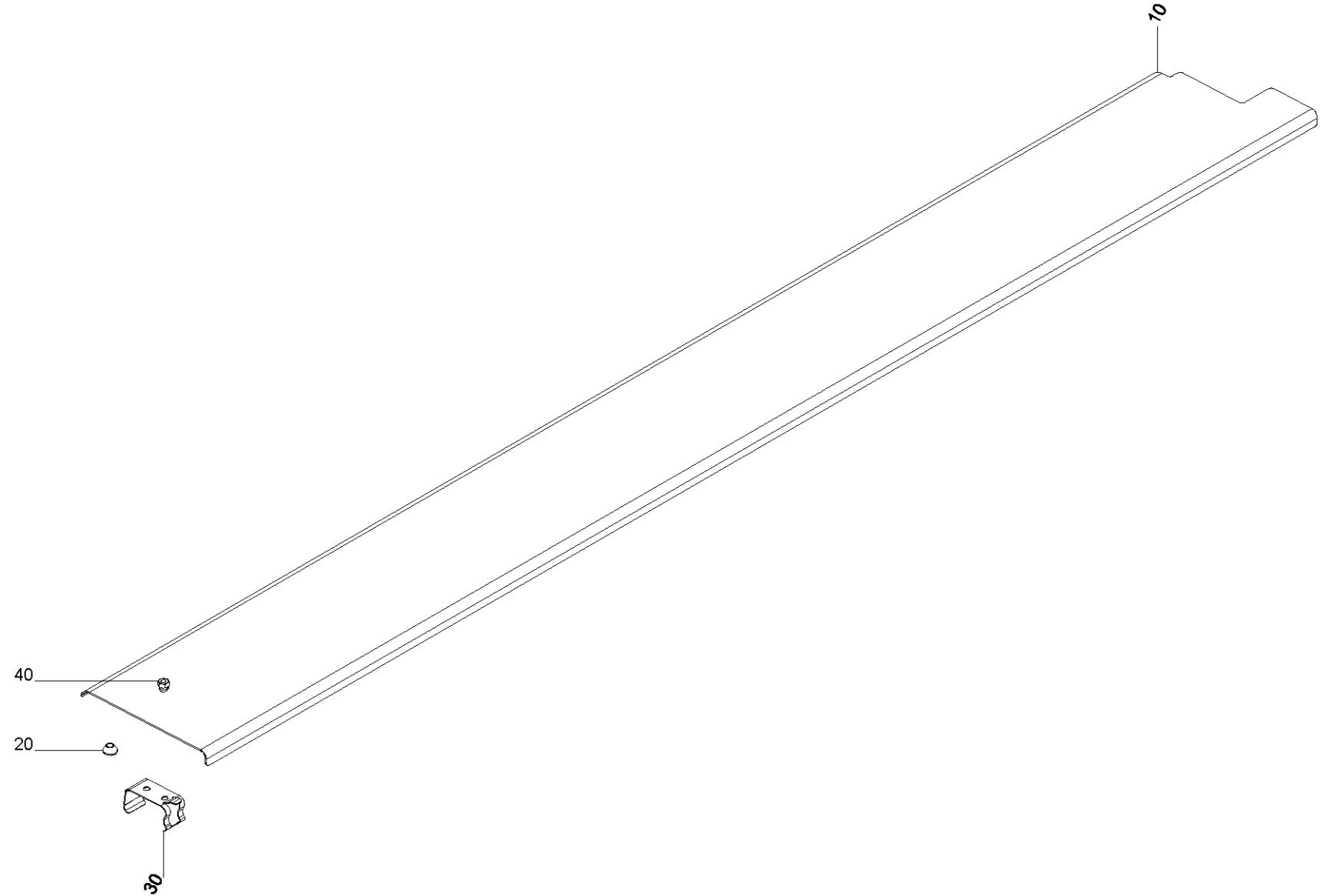
**packaging machine (RM)\cladding\cladding**



pos	material	document	version	description	quantity	quantity unit	SPC
10	108372329			cladding	1,000	PC	9
20	107187745			female connector	6,000	PC	9
30	107187179			cramp	3,000	PC	9
40	75200300602			cap nut	6,000	PC	9

cladding  
108372384

packaging machine (RM)\cladding\cladding



cladding  
108372384

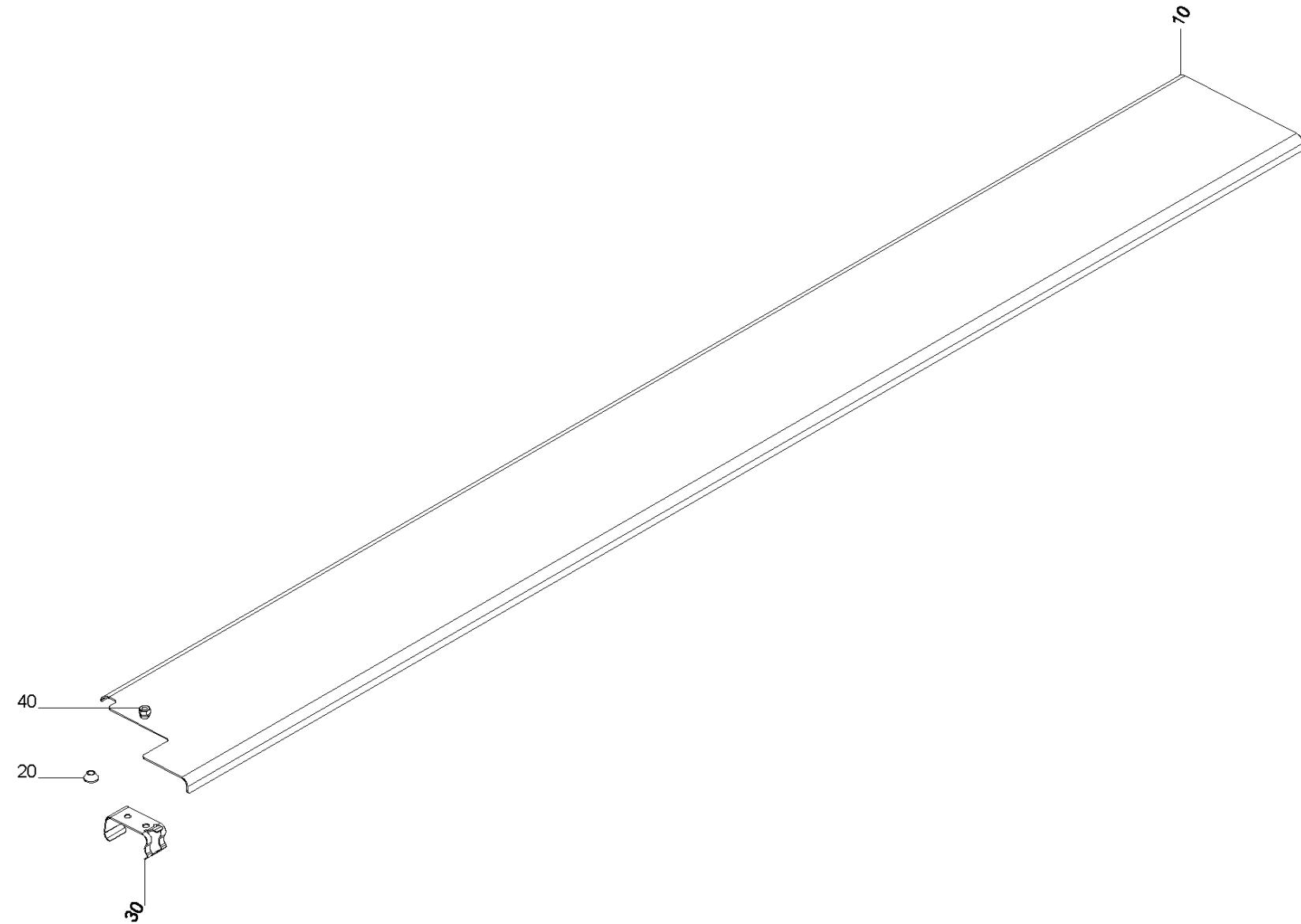
packaging machine (RM)\cladding\cladding



pos	material	document	version	description	quantity	quantity unit	SPC
10	108372385			cladding	1,000	PC	N
20	107187745			female connector	8,000	PC	9
30	107187179			cramp	4,000	PC	9
40	75200300602			cap nut	8,000	PC	9

cladding  
108372367

packaging machine (RM)\cladding\cladding



**cladding**  
**108372367**

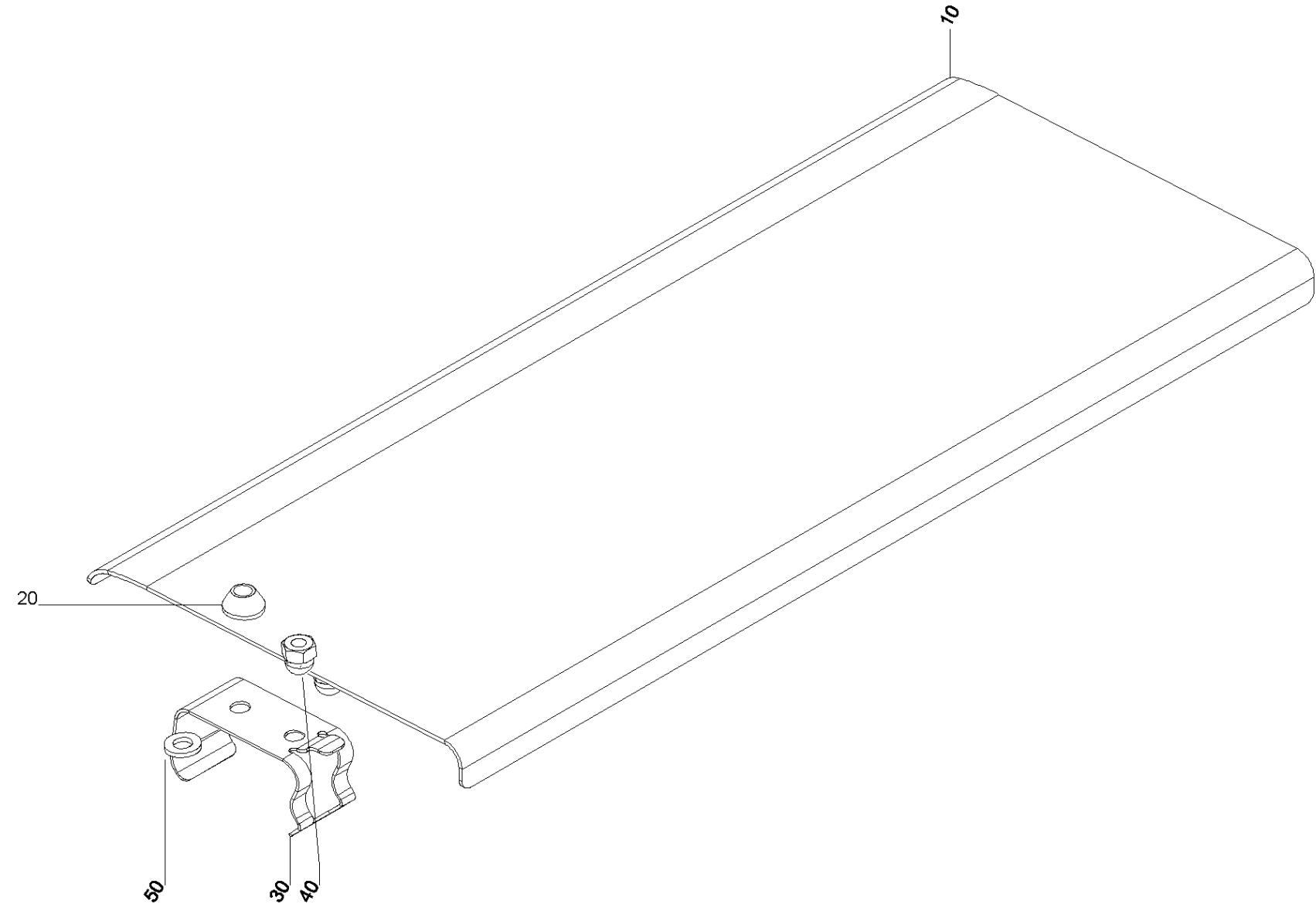
**packaging machine (RM)\cladding\cladding**



pos	material	document	version	description	quantity	quantity unit	SPC
10	108372368			cladding	1,000	PC	9
20	107187745			female connector	8,000	PC	9
30	107187179			cramp	4,000	PC	9
40	75200300602			cap nut	8,000	PC	9

cladding  
108432223

packaging machine (RM)\cladding



**cladding**  
**108432223**

**packaging machine (RM)\cladding**



pos	material	document	version	description	quantity	quantity unit	SPC
10	108432187			cladding	1,000	PC	9
20	107187745			female connector	4,000	PC	9
30	107187179			cramp	2,000	PC	9
40	75200300602			cap nut	4,000	PC	9
50	75211010602			disk	4,000	PC	9

pneumatics  
105575408

packaging machine (RM)\pneumatics



keine Zeichnung vorhanden  
no drawing available

pneumatics

105575408

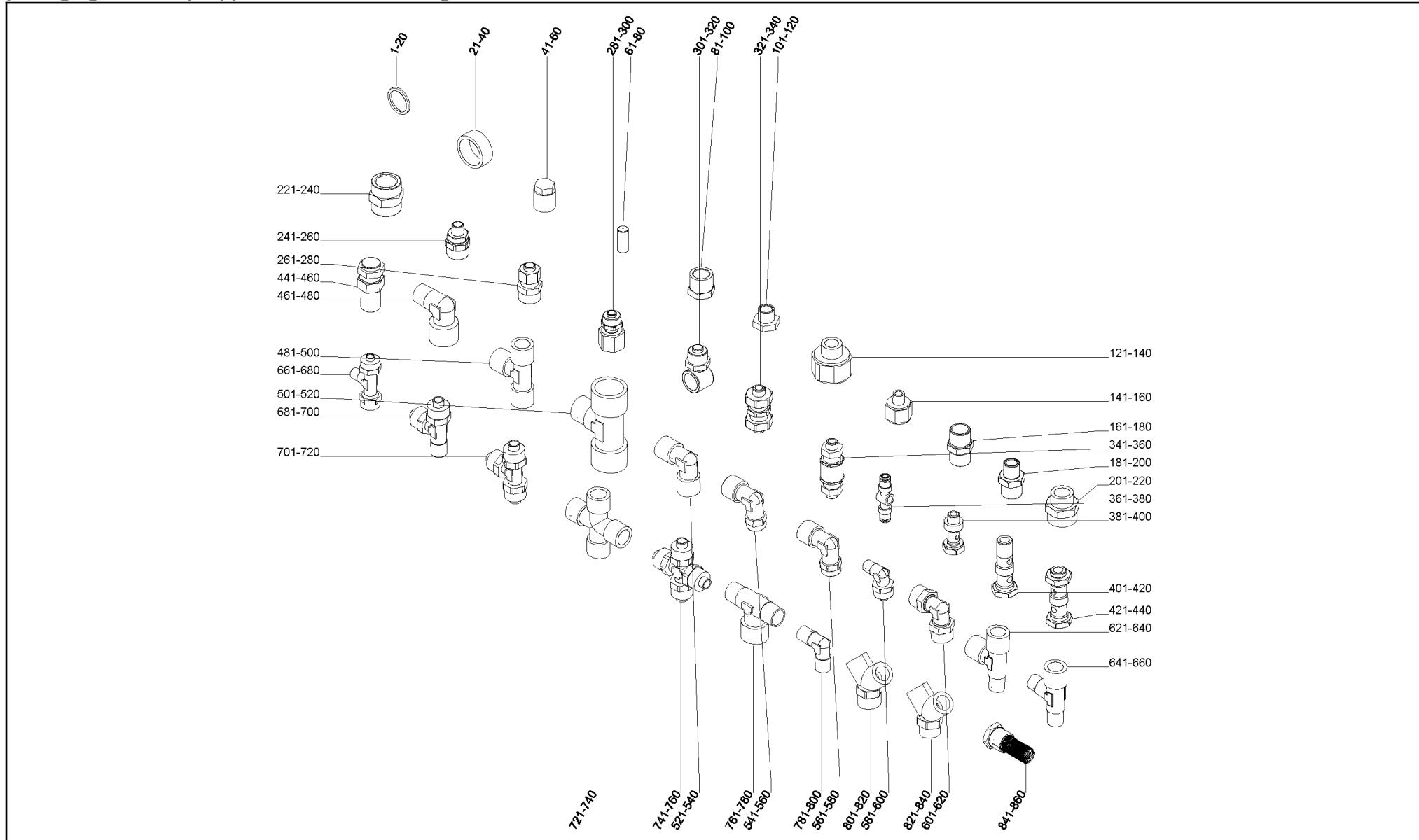
packaging machine (RM)\pneumatics



pos	material	document	version	description	quantity	quantity unit	SPC
10	105574356	16000032811	0	screw fitting	1,000	PC	N
20	105573344	16000310294	A	hose connection pieces	1,000	PC	N
30	105573590	16000032810	A	threaded coupling	1,000	PC	N
40	105573338	16000301226	B	hose band clip	1,000	PC	N
50	105572815	16000032809	0	quick-close coupling	1,000	PC	N
60	105572807	16000301250	0	hose set	1,000	PC	N

screw fitting  
105574356

packaging machine (RM)\pneumatics\screw fitting



screw fitting

105574356

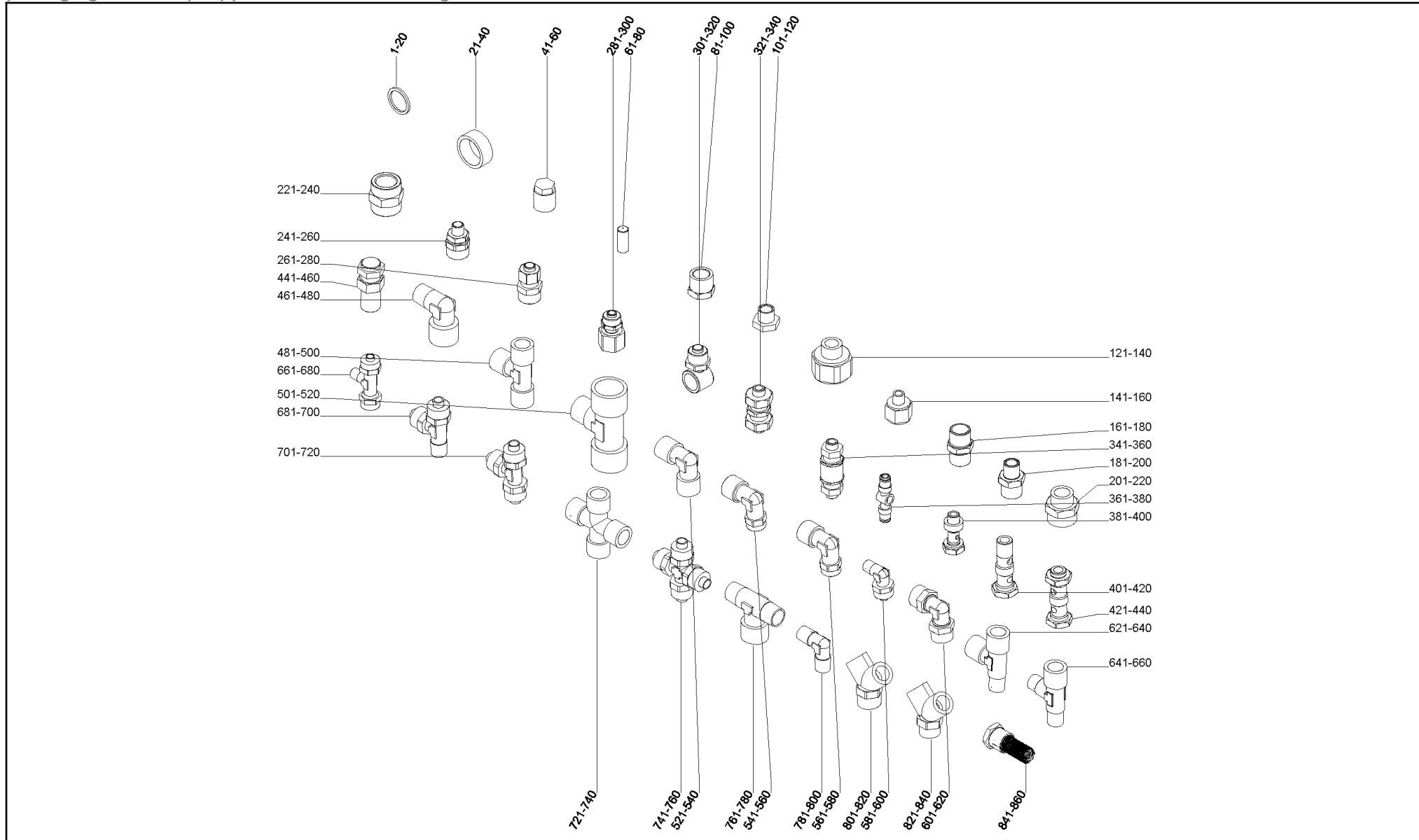
packaging machine (RM)\pneumatics\screw fitting



pos	material	document	version	description	quantity	quantity unit	SPC
1	81141806522			sealing ring	1,000	PC	9
2	81141806523			sealing ring	1,000	PC	9
3	81141806524			sealing ring	1,000	PC	9
4	81141806525			sealing ring	1,000	PC	9
21	81141806611			Spacer sealing ring	1,000	PC	9
22	81141806612			Spacer sealing ring	1,000	PC	9
23	81141806613			Spacer sealing ring	1,000	PC	9
24	81141806614			Spacer sealing ring	1,000	PC	9
25	81141806804			Spacer sealing ring	1,000	PC	9
26	81141806802			Spacer sealing ring	1,000	PC	9
41	81141808101			clasp nut	1,000	PC	9
42	81141808102			clasp nut	1,000	PC	9
43	81141808103			clasp nut	1,000	PC	9
44	81141808104			clasp nut	1,000	PC	9
61	81141806902			cover flap	1,000	PC	9
62	107951848			cover flap	1,000	PC	9
63	107920626			cover flap	1,000	PC	9
81	81141807604			reducing nipple	1,000	PC	9
101	19117401077			reducing nipple	1,000	PC	9
102	19117401030			reducing nipple	1,000	PC	9
103	81141807703			reducing nipple	1,000	PC	9
104	81141807704			reducing nipple	1,000	PC	9
105	81141807705			reducing nipple	1,000	PC	9
106	81141807706			reducing nipple	1,000	PC	9
107	81141807707			reducing nipple	1,000	PC	9
108	81141807702			reducing nipple	1,000	PC	9
109	81141807708			reducing nipple	1,000	PC	9
121	81141807507			reducing nipple	1,000	PC	9
122	81141807508			reducing nipple	1,000	PC	9
123	81141807510			reducing nipple	1,000	PC	9

screw fitting  
105574356

packaging machine (RM)\pneumatics\screw fitting



screw fitting

105574356

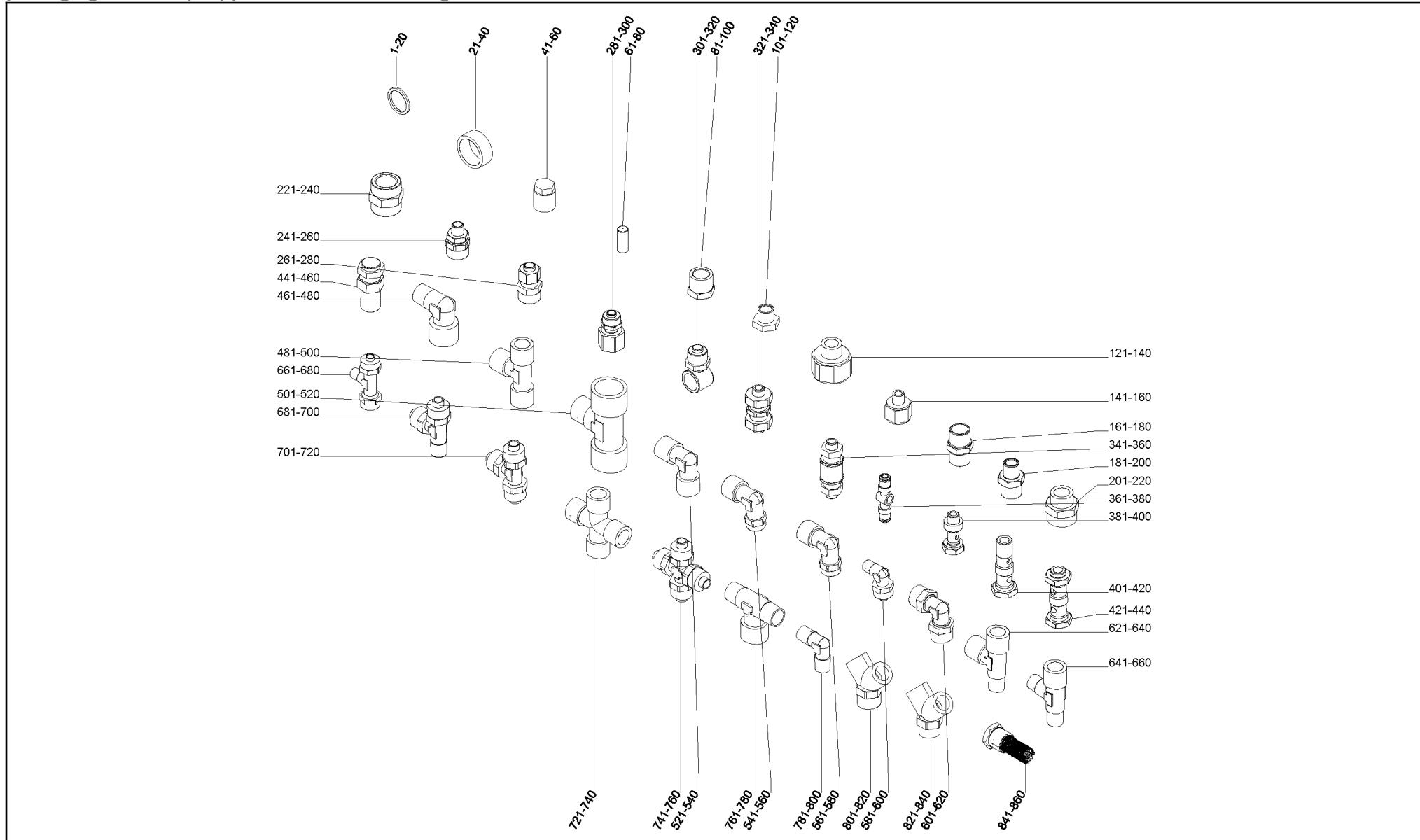
packaging machine (RM)\pneumatics\screw fitting



pos	material	document	version	description	quantity	quantity unit	SPC
141	81141807401			reducing nipple	1,000	PC	9
142	81141807402			reducing nipple	1,000	PC	9
143	81141807405			reducing nipple	1,000	PC	9
144	81141807408			reducing nipple	1,000	PC	9
145	81141807410			reducing nipple	1,000	PC	9
146	81141807407			reducing nipple	1,000	PC	9
147	81141807406			reducing nipple	1,000	PC	9
148	81141807409			reducing nipple	1,000	PC	9
161	81141807001			barrel nipple	1,000	PC	9
162	81141192202			barrel nipple	1,000	PC	9
163	81141192203			barrel nipple	1,000	PC	9
164	81141807004			barrel nipple	1,000	PC	9
165	81141807005			barrel nipple	1,000	PC	9
181	81141807201			reducing double nipple	1,000	PC	9
182	81141807202			reducing double nipple	1,000	PC	9
183	81141807204			reducing double nipple	1,000	PC	9
184	81141807205			reducing double nipple	1,000	PC	9
185	81141807207			reducing double nipple	1,000	PC	9
186	81141807206			reducing double nipple	1,000	PC	9
201	81141807902			reducer bell	1,000	PC	9
202	81141807903			reducer bell	1,000	PC	9
203	81141807904			reducer bell	1,000	PC	9
204	81141807905			reducer bell	1,000	PC	9
205	81141807906			reducer bell	1,000	PC	9
221	81141807802			muffle	1,000	PC	9
222	81141807803			muffle	1,000	PC	9
223	81141807804			muffle	1,000	PC	9
224	81141807805			muffle	1,000	PC	9
241	81141803202			screw fitting	1,000	PC	9
242	81141803203			screw fitting	1,000	PC	9

screw fitting  
105574356

packaging machine (RM)\pneumatics\screw fitting



screw fitting

105574356

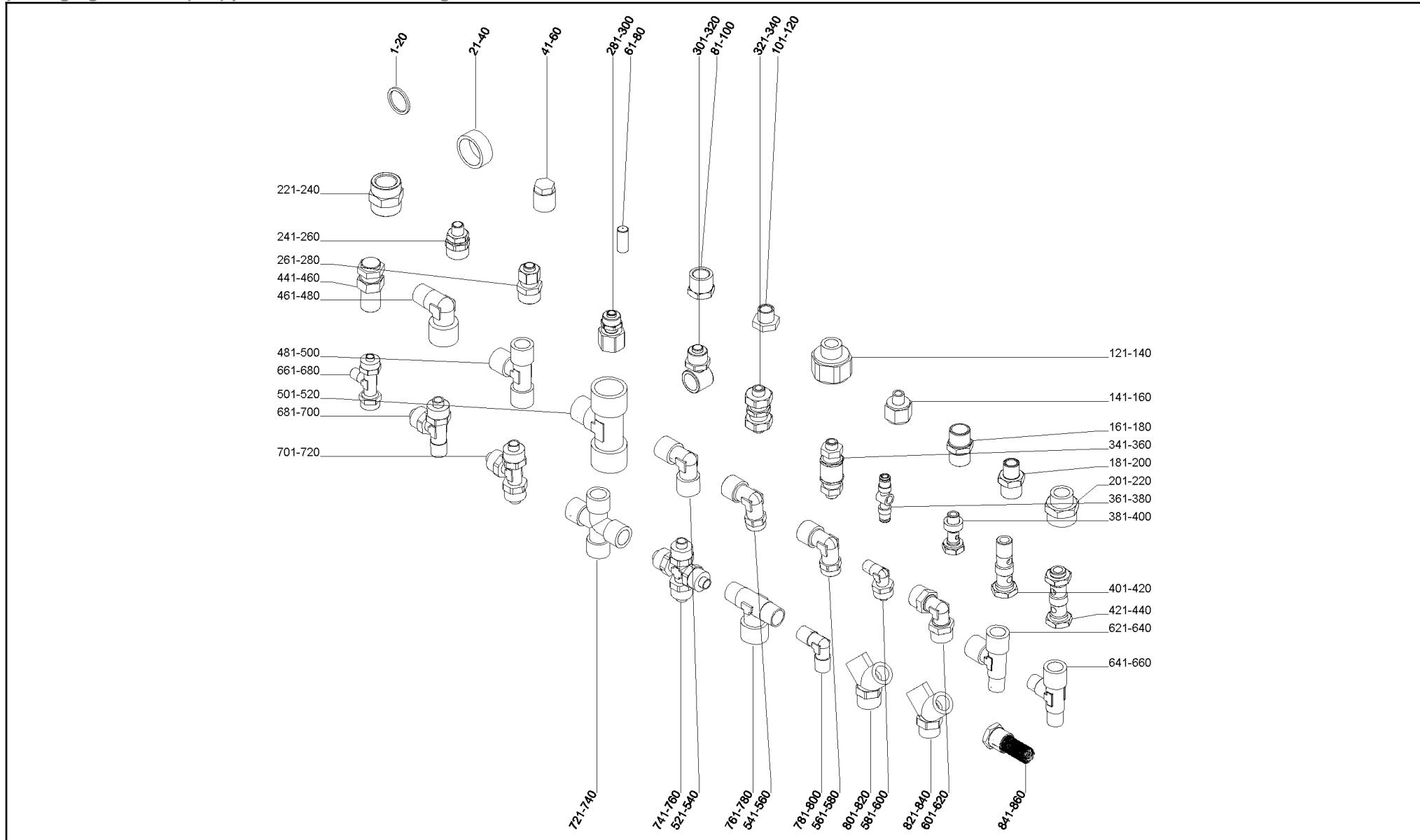
packaging machine (RM)\pneumatics\screw fitting



pos	material	document	version	description	quantity	quantity unit	SPC
243	81141803204			screw fitting	1,000	PC	9
244	81141803206			screw fitting	1,000	PC	9
245	81141803207			screw fitting	1,000	PC	9
246	81141803208			screw fitting	1,000	PC	9
247	81141803210			screw fitting	1,000	PC	9
248	81141803211			screw fitting	1,000	PC	9
249	81141803212			screw fitting	1,000	PC	9
250	81141803216			screw fitting	1,000	PC	9
251	81141803213			screw fitting	1,000	PC	9
261	81141803317			screw fitting	1,000	PC	9
281	81141803401			screw fitting	1,000	PC	9
282	81141803402			screw fitting	1,000	PC	9
283	81141803405			screw fitting	1,000	PC	9
284	81141803406			screw fitting	1,000	PC	9
285	81141803410			screw fitting	1,000	PC	9
286	81141803412			screw fitting	1,000	PC	9
287	81141803403			screw fitting	1,000	PC	9
301	81141805702			swivel ring	1,000	PC	9
302	81141805704			swivel ring	1,000	PC	9
303	81141805705			swivel ring	1,000	PC	9
304	81141805708			swivel ring	1,000	PC	9
305	81141805709			swivel ring	1,000	PC	9
306	81141805712			swivel ring	1,000	PC	9
307	81141805713			swivel ring	1,000	PC	9
308	81141805714			swivel ring	1,000	PC	9
321	81141803905			screw fitting	1,000	PC	9
322	81141803908			screw fitting	1,000	PC	9
323	81141803910			screw fitting	1,000	PC	9
341	81141804304			screw fitting	1,000	PC	9
342	81141804305			screw fitting	1,000	PC	9

screw fitting  
105574356

packaging machine (RM)\pneumatics\screw fitting



screw fitting

105574356

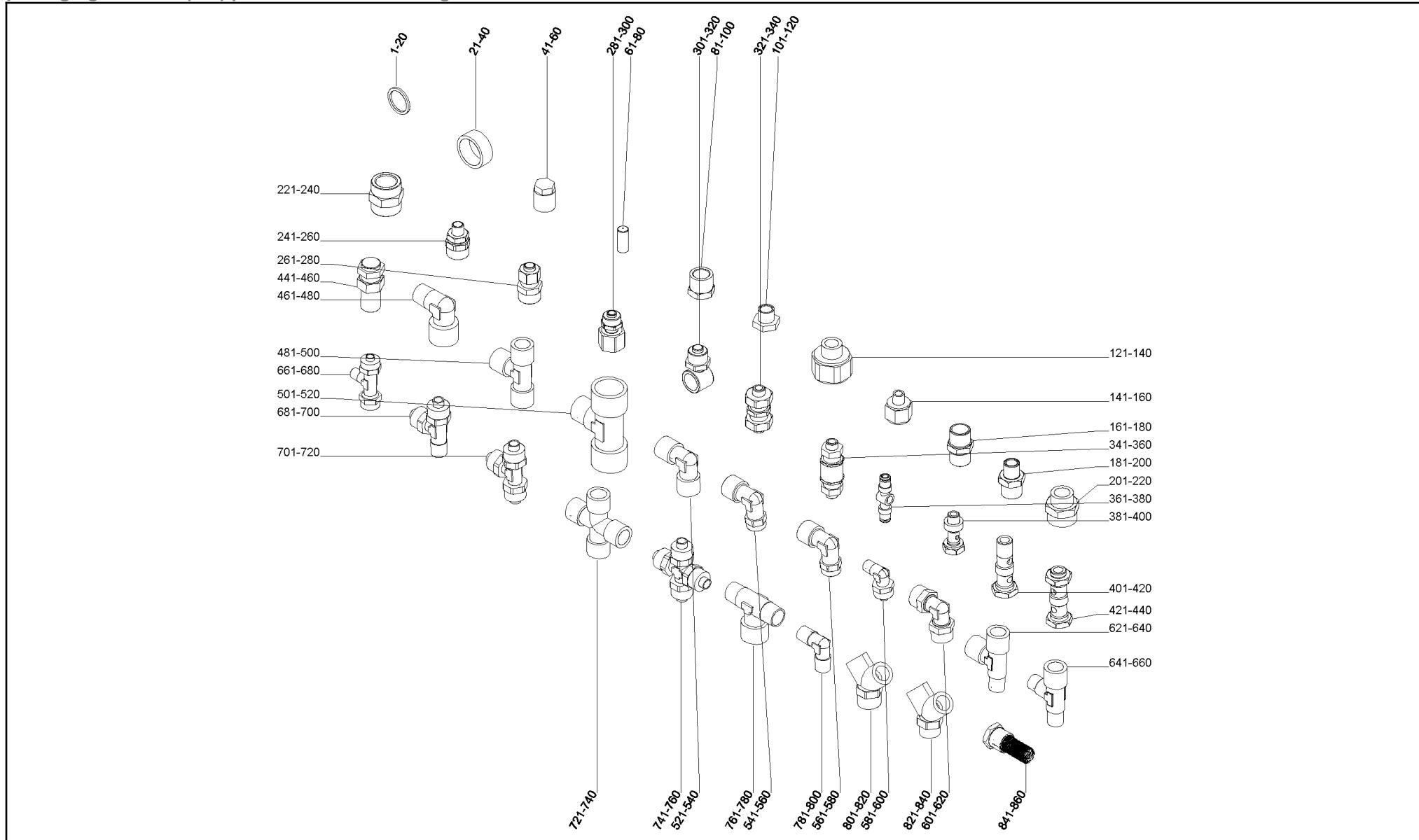
packaging machine (RM)\pneumatics\screw fitting



pos	material	document	version	description	quantity	quantity unit	SPC
343	81141804308			screw fitting	1,000	PC	9
344	81141804310			screw fitting	1,000	PC	9
361	81141805809			swivel ring	1,000	PC	9
362	81141805813			swivel ring	1,000	PC	9
381	81141806001			banjo bolt	1,000	PC	9
382	81141806002			banjo bolt	1,000	PC	9
383	81141806003			banjo bolt	1,000	PC	9
401	81141806102			banjo bolt	1,000	PC	9
421	81141806202			banjo bolt	1,000	PC	9
441	81141804404			screw fitting	1,000	PC	9
461	81141808201			bracket	1,000	PC	9
462	81141808202			bracket	1,000	PC	9
463	81141808203			bracket	1,000	PC	9
464	81141808204			bracket	1,000	PC	9
481	81141808701			T-piece	1,000	PC	9
482	81141808702			T-piece	1,000	PC	9
483	81141808704			T-piece	1,000	PC	9
501	81141808501			T-piece	1,000	PC	9
502	81141808502			T-piece	1,000	PC	9
503	81141808504			T-piece	1,000	PC	9
504	81141808503			T-piece	1,000	PC	9
521	81141808301			bracket	1,000	PC	9
522	81141808302			bracket	1,000	PC	9
523	81141808304			bracket	1,000	PC	9
541	81141800507			screw fitting	1,000	PC	9
561	81141803601			screw fitting	1,000	PC	9
562	81141803602			screw fitting	1,000	PC	9
563	81141803603			screw fitting	1,000	PC	9
564	81141803604			screw fitting	1,000	PC	9
565	81141803605			screw fitting	1,000	PC	9

screw fitting  
105574356

packaging machine (RM)\pneumatics\screw fitting



screw fitting

105574356

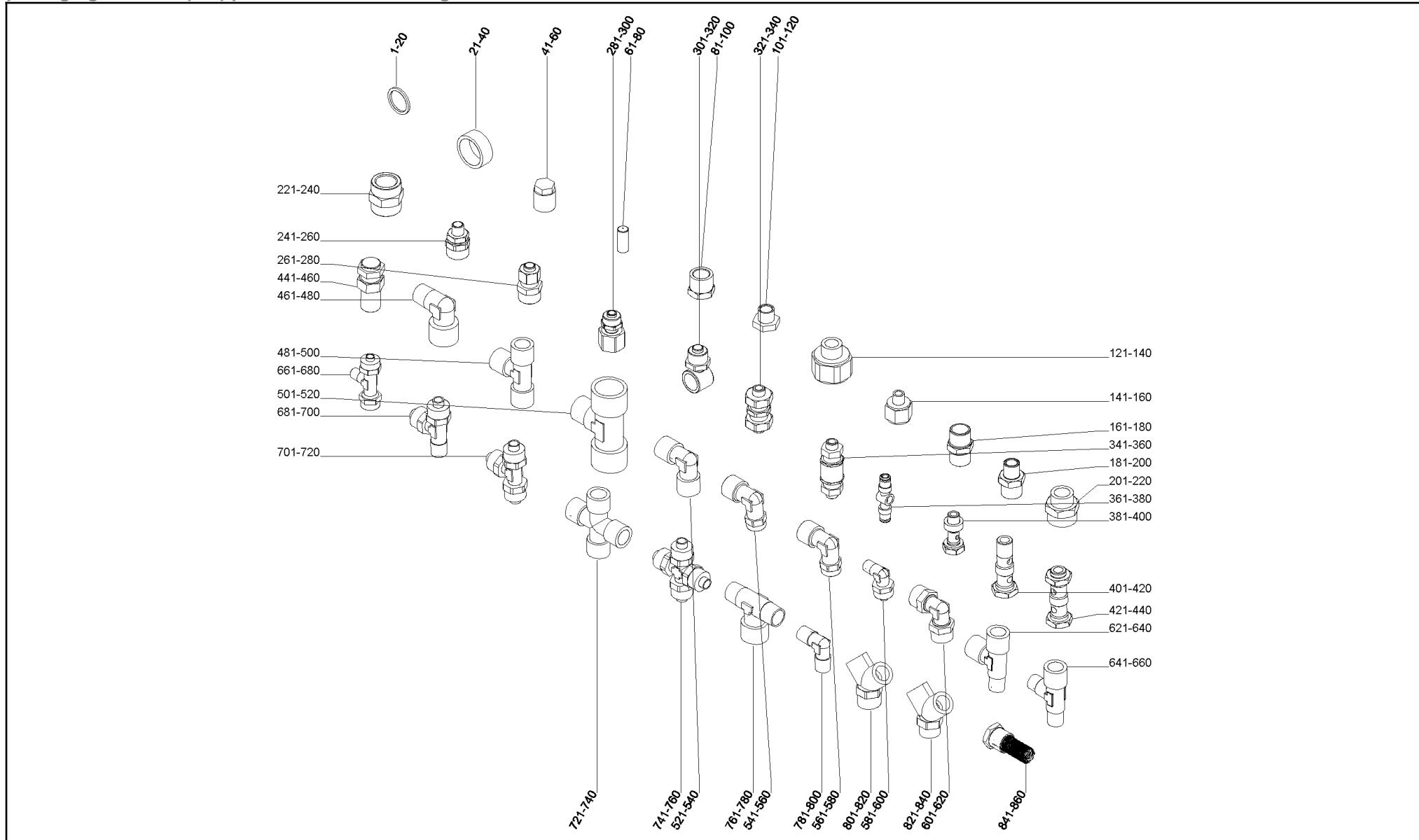
packaging machine (RM)\pneumatics\screw fitting



pos	material	document	version	description	quantity	quantity unit	SPC
581	81141803502			screw fitting	1,000	PC	9
582	81141803503			screw fitting	1,000	PC	9
583	81141803506			screw fitting	1,000	PC	9
584	81141803507			screw fitting	1,000	PC	9
585	81141803508			screw fitting	1,000	PC	9
586	81141803510			screw fitting	1,000	PC	9
587	81141803511			screw fitting	1,000	PC	9
588	81141803512			screw fitting	1,000	PC	9
589	81141803513			screw fitting	1,000	PC	9
590	81141803516			screw fitting	1,000	PC	9
591	81141803514			screw fitting	1,000	PC	9
601	81141804003			screw fitting	1,000	PC	9
602	81141804005			screw fitting	1,000	PC	9
603	81141804008			screw fitting	1,000	PC	9
604	81141804010			screw fitting	1,000	PC	9
621	81141808601			T-piece	1,000	PC	9
622	81141808602			T-piece	1,000	PC	9
623	81141808603			T-piece	1,000	PC	9
624	81141808604			T-piece	1,000	PC	9
641	81141808401			T-piece	1,000	PC	9
642	81141808402			T-piece	1,000	PC	9
643	81141808403			T-piece	1,000	PC	9
661	81141803702			screw fitting	1,000	PC	9
662	81141803703			screw fitting	1,000	PC	9
663	81141803706			screw fitting	1,000	PC	9
664	81141803707			screw fitting	1,000	PC	9
665	81141803711			screw fitting	1,000	PC	9
681	81141803802			screw fitting	1,000	PC	9
682	81141803806			screw fitting	1,000	PC	9
683	81141803807			screw fitting	1,000	PC	9

screw fitting  
105574356

packaging machine (RM)\pneumatics\screw fitting



screw fitting

105574356

packaging machine (RM)\pneumatics\screw fitting

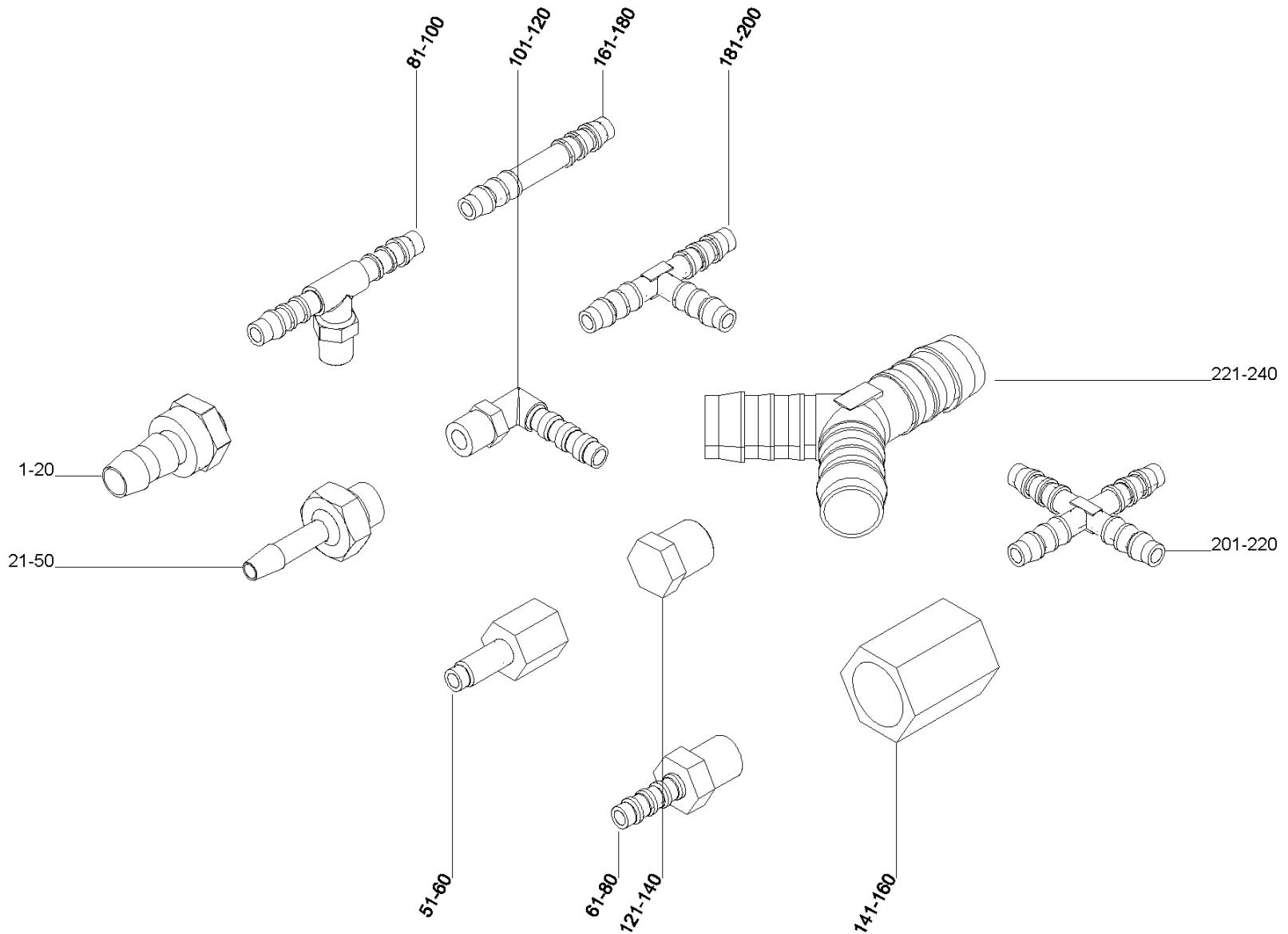


pos	material	document	version	description	quantity	quantity unit	SPC
684	81141803808			screw fitting	1,000	PC	9
685	81141803811			screw fitting	1,000	PC	9
686	81141803816			screw fitting	1,000	PC	9
701	81141804103			screw fitting	1,000	PC	9
702	81141804104			screw fitting	1,000	PC	9
703	81141804105			screw fitting	1,000	PC	9
704	81141804106			screw fitting	1,000	PC	9
705	81141804107			screw fitting	1,000	PC	9
706	81141804108			screw fitting	1,000	PC	9
707	81141804110			screw fitting	1,000	PC	9
721	81141808802			Cross piece	1,000	PC	9
741	81141804204			screw fitting	1,000	PC	9
761	81141809001			T-piece	1,000	PC	9
762	81141809002			T-piece	1,000	PC	9
763	81141809003			T-piece	1,000	PC	9
781	81141809200			bracket	1,000	PC	9
782	81141809201			bracket	1,000	PC	9
783	81141809202			bracket	1,000	PC	9
784	81141809203			bracket	1,000	PC	9
801	81141809601			Y-piece	1,000	PC	9
821	81141809501			Y-piece	1,000	PC	9
841	81141808000			union nut	1,000	PC	9
842	81141808001			union nut	1,000	PC	9
843	81141808002			union nut	1,000	PC	9
844	81141808003			union nut	1,000	PC	9

hose connection pieces

105573344

packaging machine (RM)\pneumatics\hose connection pieces



## hose connection pieces

105573344

packaging machine (RM)\pneumatics\hose connection pieces

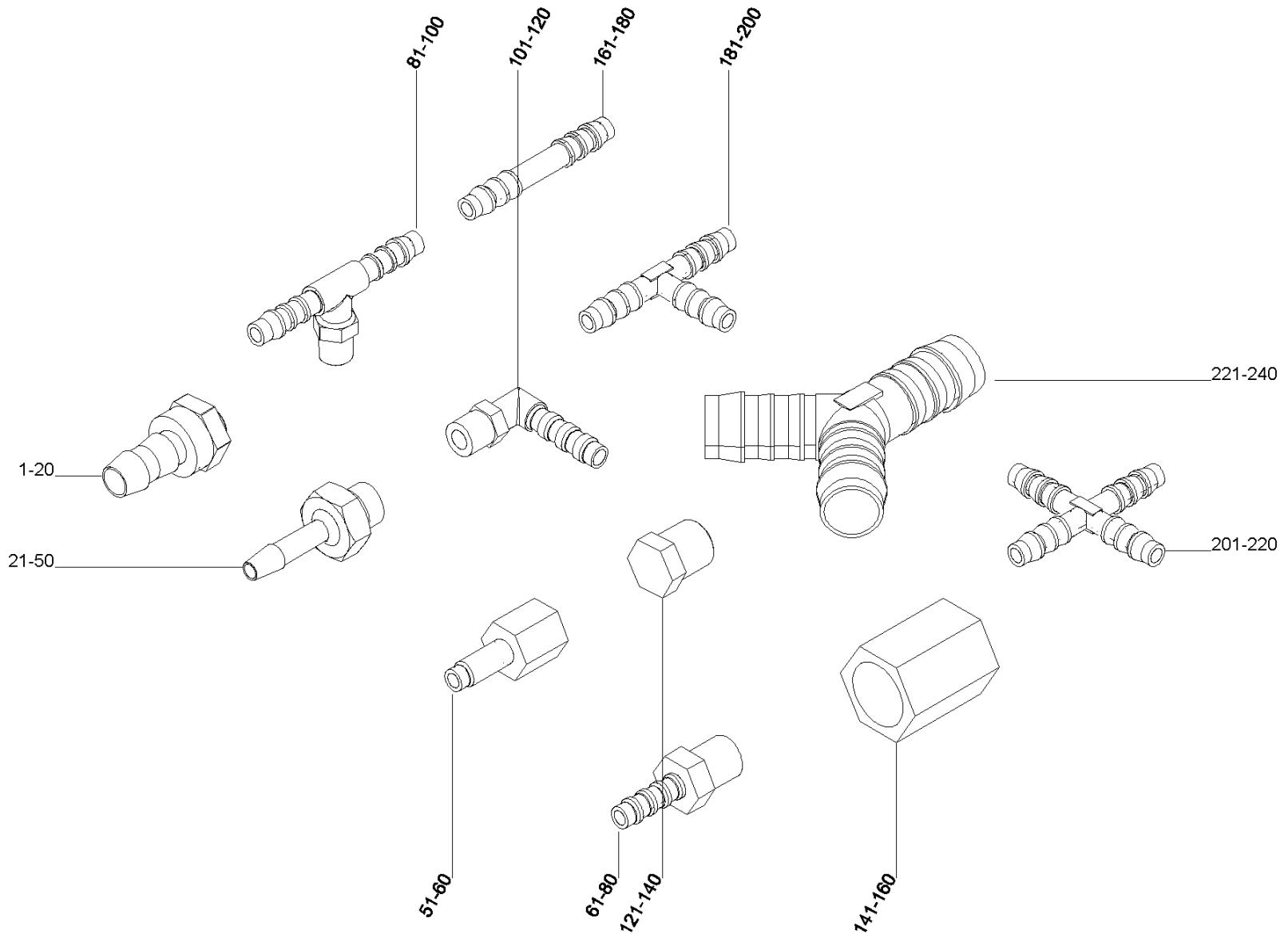


pos	material	document	version	description	quantity	quantity unit	SPC
1	81141153110			hose spigot	1,000	PC	9
2	81141153111			hose spigot	1,000	PC	9
21	19101109005			threaded socket	1,000	PC	9
22	19101100630			threaded socket	1,000	PC	9
23	19101109002			threaded socket	1,000	PC	9
24	81141211103			threaded socket	1,000	PC	9
25	81141211105			threaded socket	1,000	PC	9
26	19101109001			threaded socket	1,000	PC	9
27	19101109003			threaded socket	1,000	PC	9
28	19101102220			threaded socket	1,000	PC	9
29	19101109000			threaded socket	1,000	PC	9
30	19101109005			threaded socket	1,000	PC	9
31	19101100800			threaded socket	1,000	PC	9
32	81141211101			threaded socket	1,000	PC	9
33	81141211207			threaded socket	1,000	PC	9
34	19101101200			threaded socket	1,000	PC	9
35	19101101250			threaded socket	1,000	PC	9
36	81141211105			threaded socket	1,000	PC	9
37	81141211211			threaded socket	1,000	PC	9
38	19101101610			threaded socket	1,000	PC	9
39	19101102400			threaded socket	1,000	PC	9
40	81141211108			threaded socket	1,000	PC	9
41	19101102600			threaded socket	1,000	PC	9
42	81141211218			threaded socket	1,000	PC	9
51	19101122000			liner	1,000	PC	9
61	81141213120			threaded socket	1,000	PC	9
62	81141213121			threaded socket	1,000	PC	9
63	81141213130			threaded socket	1,000	PC	9
64	81141213132			threaded socket	1,000	PC	9
65	81141213151			threaded socket	1,000	PC	9

hose connection pieces

105573344

packaging machine (RM)\pneumatics\hose connection pieces



## hose connection pieces

105573344

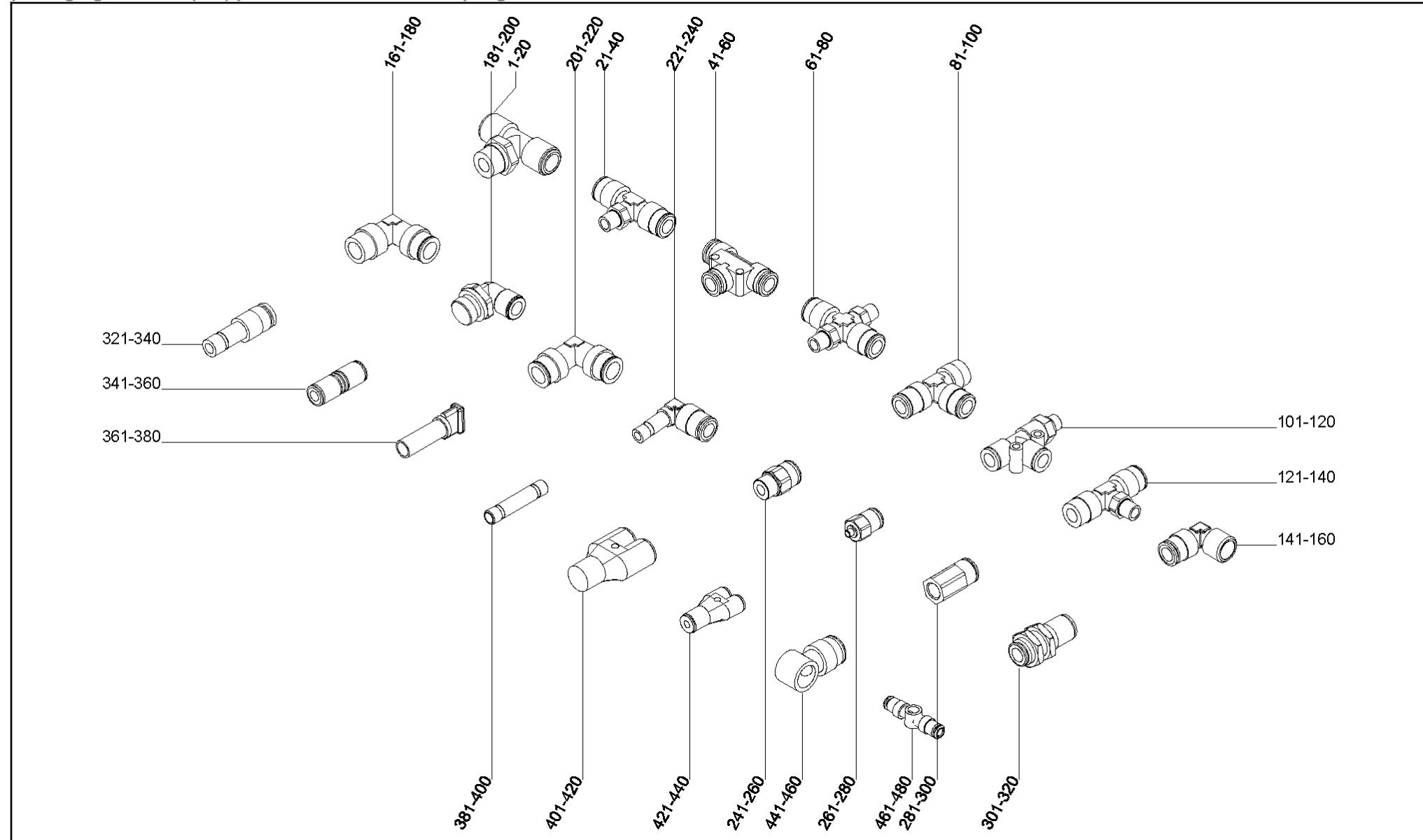
packaging machine (RM)\pneumatics\hose connection pieces



pos	material	document	version	description	quantity	quantity unit	SPC
66	81141213152			threaded socket	1,000	PC	9
67	81141213153			threaded socket	1,000	PC	9
68	81141213154			threaded socket	1,000	PC	9
81	81141213180			threaded socket	1,000	PC	9
82	81141213190			threaded socket	1,000	PC	9
101	81141213210			threaded socket	1,000	PC	9
102	81141213211			threaded socket	1,000	PC	9
103	81141213212			threaded socket	1,000	PC	9
104	81141213220			threaded socket	1,000	PC	9
105	81141213221			threaded socket	1,000	PC	9
106	81141213222			threaded socket	1,000	PC	9
107	81141213242			threaded socket	1,000	PC	9
108	81141213243			threaded socket	1,000	PC	9
121	81141199020			dummy plug	1,000	PC	9
122	81141199021			screw plug	1,000	PC	9
141	81141153100			union nut	1,000	PC	9
142	81141153101			union nut	1,000	PC	9
161	81141293102			hose connector	1,000	PC	9
162	81141293107			hose connector	1,000	PC	9
181	81141293122			hose connector	1,000	PC	9
182	81141293123			hose connector	1,000	PC	9
183	81141293127			hose connector	1,000	PC	9
184	81141293131			hose connector	1,000	PC	9
201	81141293162			hose connector	1,000	PC	9
221	81141293142			hose connector	1,000	PC	9
222	81141293143			hose connector	1,000	PC	9
223	81141293147			hose connector	1,000	PC	9
224	81141293148			hose connector	1,000	PC	9

**threaded coupling**  
**105573590**

packaging machine (RM)\pneumatics\threaded coupling



## threaded coupling

105573590

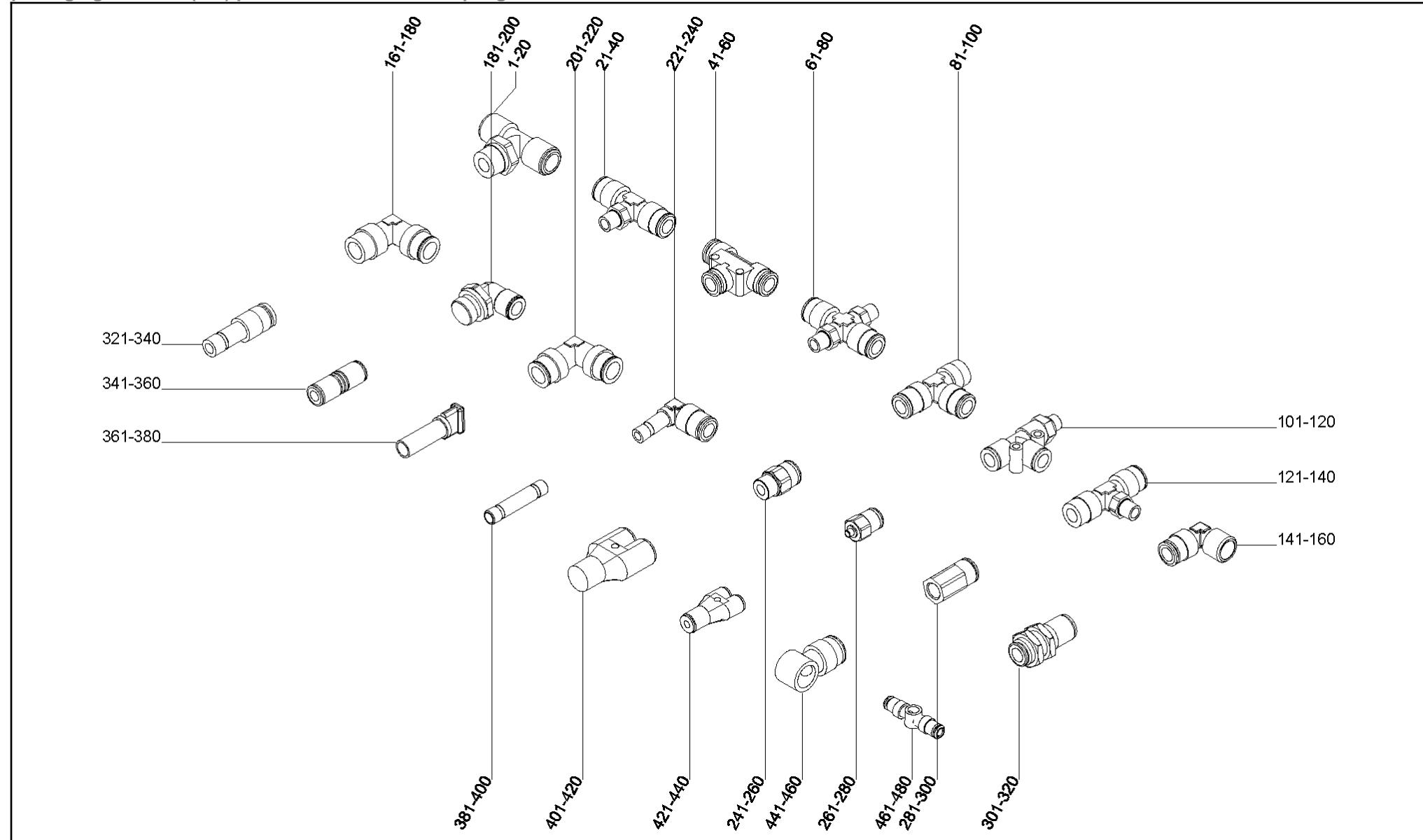
packaging machine (RM)\pneumatics\threaded coupling



pos	material	document	version	description	quantity	quantity unit	SPC
1	81141841807			threaded coupling	1,000	PC	9
2	105534122			threaded coupling	1,000	PC	9
3	81141841811			threaded coupling	1,000	PC	9
21	81141841905			threaded coupling	1,000	PC	9
22	81141841906			threaded coupling	1,000	PC	9
23	81141841907			threaded coupling	1,000	PC	9
24	81141841908			threaded coupling	1,000	PC	9
26	81141841913			threaded coupling	1,000	PC	9
27	81141841914			threaded coupling	1,000	PC	9
41	81141842602			threaded coupling	1,000	PC	9
42	81141842603			threaded coupling	1,000	PC	9
43	81141842604			threaded coupling	1,000	PC	9
44	81141842606			threaded coupling	1,000	PC	9
61	81141843803			threaded coupling	1,000	PC	9
62	81141843804			threaded coupling	1,000	PC	9
81	81141841507			threaded coupling	1,000	PC	9
82	81141841608			threaded coupling	1,000	PC	9
83	105533972			threaded coupling	1,000	PC	9
101	105533975			threaded coupling	1,000	PC	9
102	105533974			threaded coupling	1,000	PC	9
103	105534006			threaded coupling	1,000	PC	9
104	81141841608			threaded coupling	1,000	PC	9
105	105533972			threaded coupling	1,000	PC	9
106	81141841612			threaded coupling	1,000	PC	9
141	81141841000			threaded coupling	1,000	PC	9
142	81141840506			threaded coupling	1,000	PC	9
143	81141840507			threaded coupling	1,000	PC	9
144	81141840508			threaded coupling	1,000	PC	9
145	81141840509			threaded coupling	1,000	PC	9
146	81141840510			threaded coupling	1,000	PC	9

**threaded coupling**  
**105573590**

packaging machine (RM)\pneumatics\threaded coupling



## threaded coupling

105573590

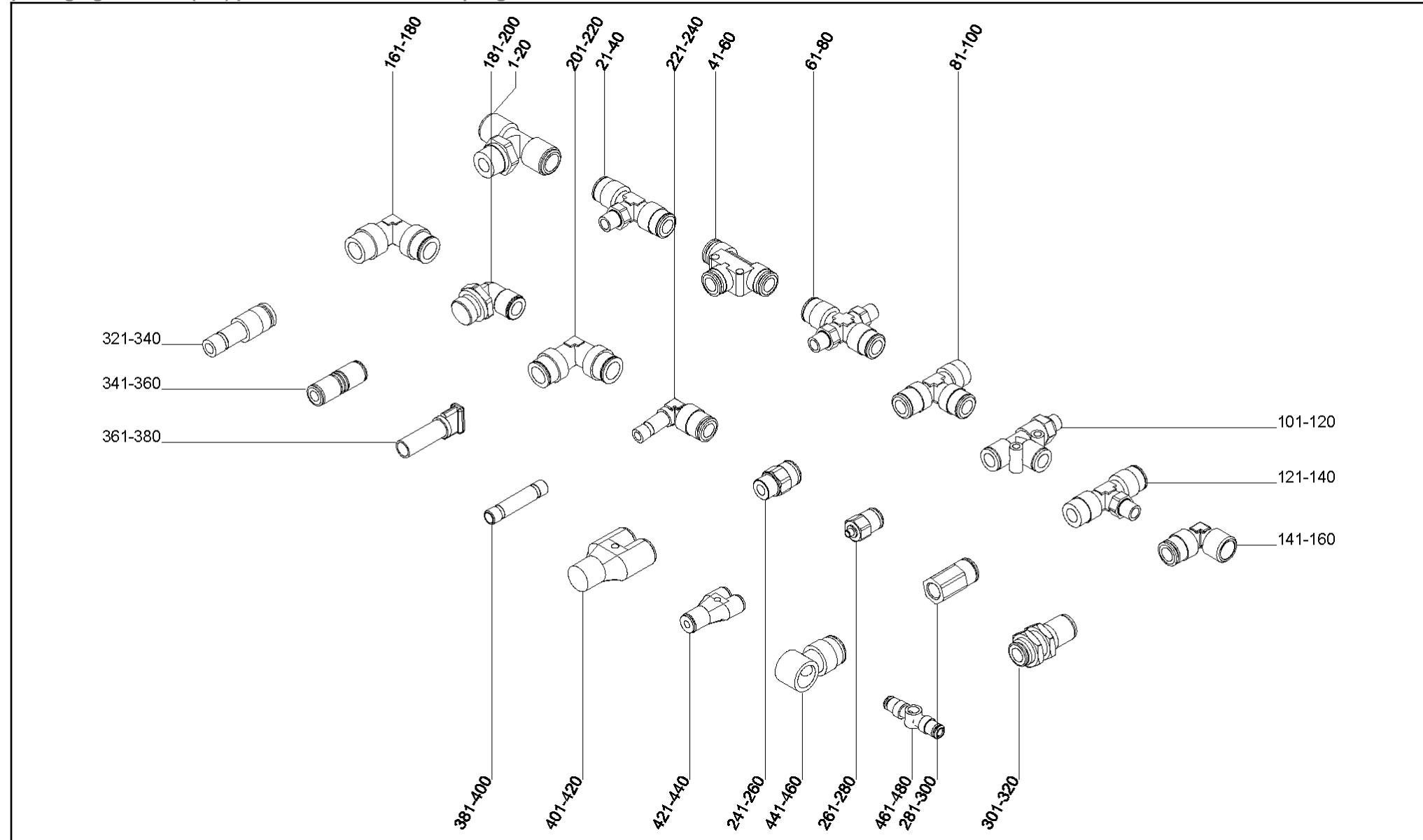
packaging machine (RM)\pneumatics\threaded coupling



pos	material	document	version	description	quantity	quantity unit	SPC
147	81141840512			threaded coupling	1,000	PC	9
161	81141840700			threaded coupling	1,000	PC	9
181	81141840603			threaded coupling	1,000	PC	9
182	81141840604			threaded coupling	1,000	PC	9
183	105534015			threaded coupling	1,000	PC	9
184	105534012			threaded coupling	1,000	PC	9
185	105534026			threaded coupling	1,000	PC	9
186	105534009			threaded coupling	1,000	PC	9
187	105534010			threaded coupling	1,000	PC	9
188	105534007			threaded coupling	1,000	PC	9
189	81141840615			threaded coupling	1,000	PC	9
201	81141842503			threaded coupling	1,000	PC	9
202	81141842504			threaded coupling	1,000	PC	9
203	81141842506			threaded coupling	1,000	PC	9
221	81141842402			threaded coupling	1,000	PC	9
222	81141842403			threaded coupling	1,000	PC	9
241	81141761000			threaded coupling	1,000	PC	9
242	81141840104			threaded coupling	1,000	PC	9
243	81141840106			threaded coupling	1,000	PC	9
244	81141840107			threaded coupling	1,000	PC	9
245	81141840108			threaded coupling	1,000	PC	9
246	81141840109			threaded coupling	1,000	PC	9
247	81141840110			threaded coupling	1,000	PC	9
248	81141840111			threaded coupling	1,000	PC	9
249	81141840113			threaded coupling	1,000	PC	9
250	81141840114			threaded coupling	1,000	PC	9
251	81141840115			threaded coupling	1,000	PC	9
252	81141840116			threaded coupling	1,000	PC	9
253	81141840150			threaded coupling	1,000	PC	9
261	81141842704			threaded coupling	1,000	PC	9

**threaded coupling**  
**105573590**

packaging machine (RM)\pneumatics\threaded coupling



## threaded coupling

105573590

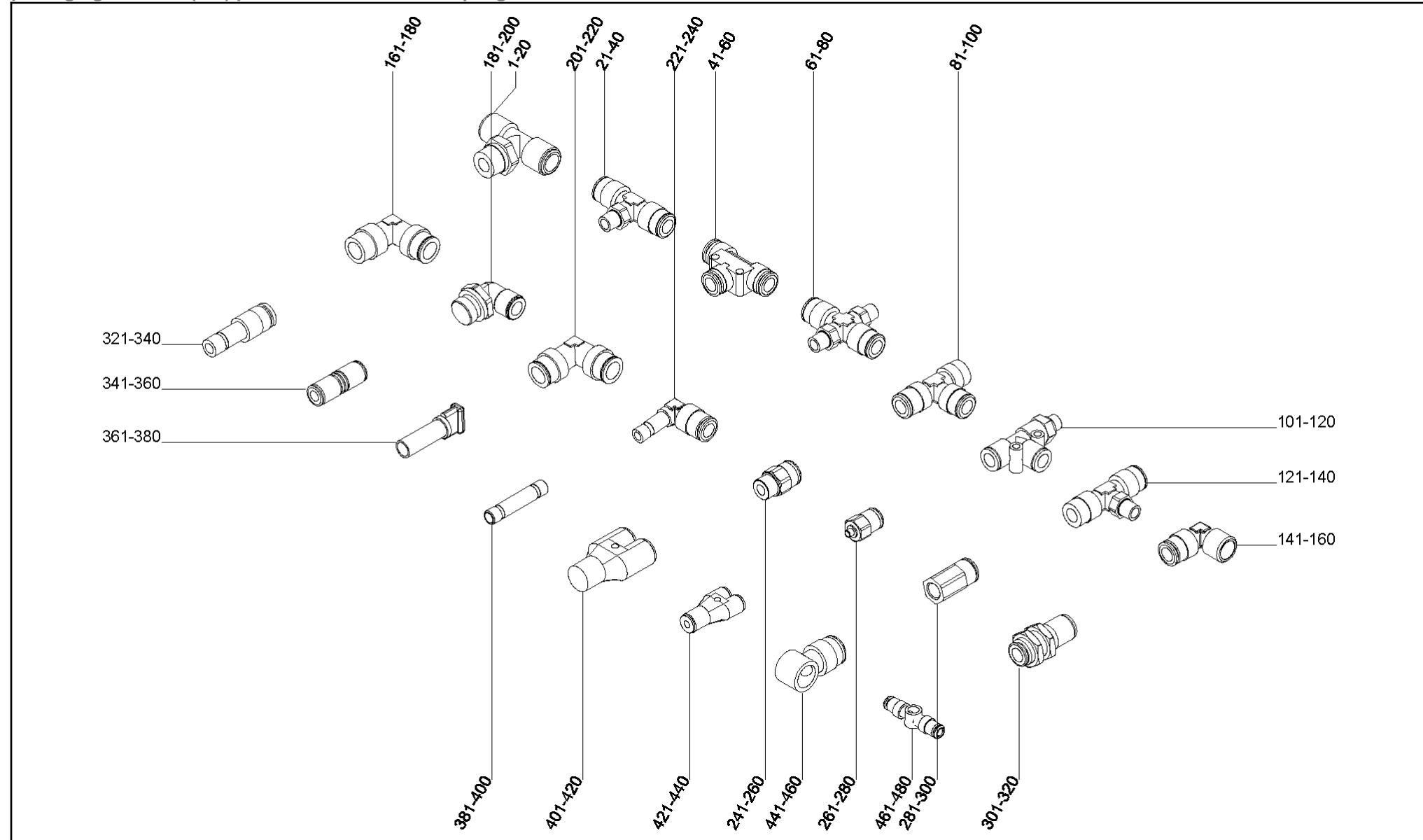
packaging machine (RM)\pneumatics\threaded coupling



pos	material	document	version	description	quantity	quantity unit	SPC
281	81141840306			threaded coupling	1,000	PC	9
282	81141840307			threaded coupling	1,000	PC	9
283	81141840308			threaded coupling	1,000	PC	9
301	81141840403			threaded coupling	1,000	PC	9
302	81141840404			threaded coupling	1,000	PC	9
321	81141839901			reduction piece	1,000	PC	9
322	81141839902			reduction piece	1,000	PC	9
323	81141839905			reduction piece	1,000	PC	9
324	81141839908			reduction piece	1,000	PC	9
325	81141839911			reduction piece	1,000	PC	9
341	81141840003			threaded coupling	1,000	PC	9
342	81141840004			threaded coupling	1,000	PC	9
343	81141840005			threaded coupling	1,000	PC	9
344	81141840007			threaded coupling	1,000	PC	9
361	81141839002			cap plug	1,000	PC	9
362	81141839003			cap plug	1,000	PC	9
363	81141839004			cap plug	1,000	PC	9
364	81141839006			cap plug	1,000	PC	9
381	81141839503			plug nipple	1,000	PC	9
382	81141839504			plug nipple	1,000	PC	9
401	81141842203			threaded coupling	1,000	PC	9
402	81141842204			threaded coupling	1,000	PC	9
421	105360741			threaded coupling	1,000	PC	9
422	81141842101			threaded coupling	1,000	PC	9
423	81141842102			threaded coupling	1,000	PC	9
441	81141844001			swivel ring	1,000	PC	9
442	81141844008			swivel ring	1,000	PC	9
443	81141844009			swivel ring	1,000	PC	9
444	81141844010			swivel ring	1,000	PC	9
445	81141844011			swivel ring	1,000	PC	9

**threaded coupling**  
**105573590**

packaging machine (RM)\pneumatics\threaded coupling



**threaded coupling**

**105573590**

**packaging machine (RM)\pneumatics\threaded coupling**

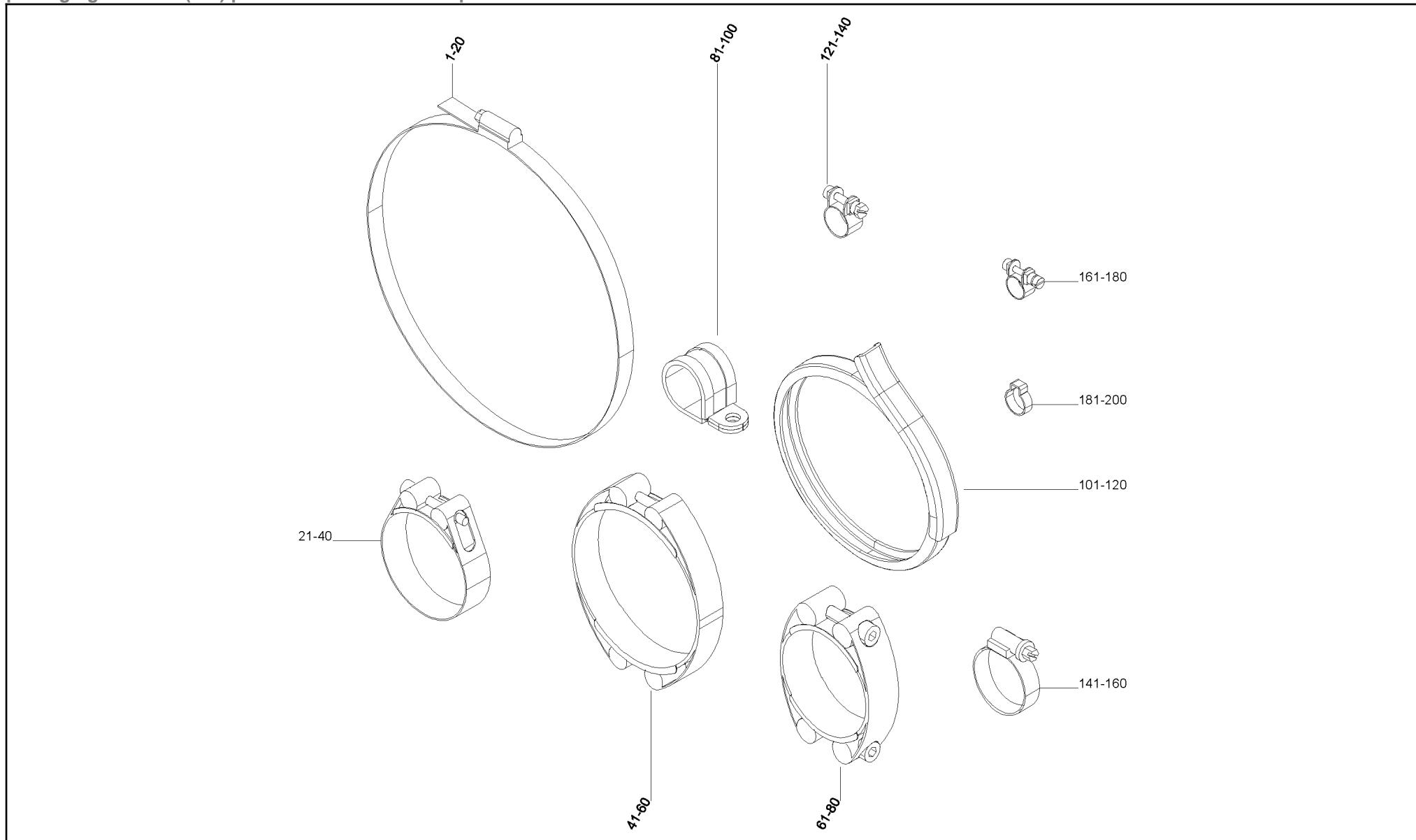


pos	material	document	version	description	quantity	quantity unit	SPC
461	81141844110			swivel ring	1,000	PC	9

**hose band clip**

**105573338**

**packaging machine (RM)\pneumatics\hose band clip**



## hose band clip

105573338

packaging machine (RM)\pneumatics\hose band clip

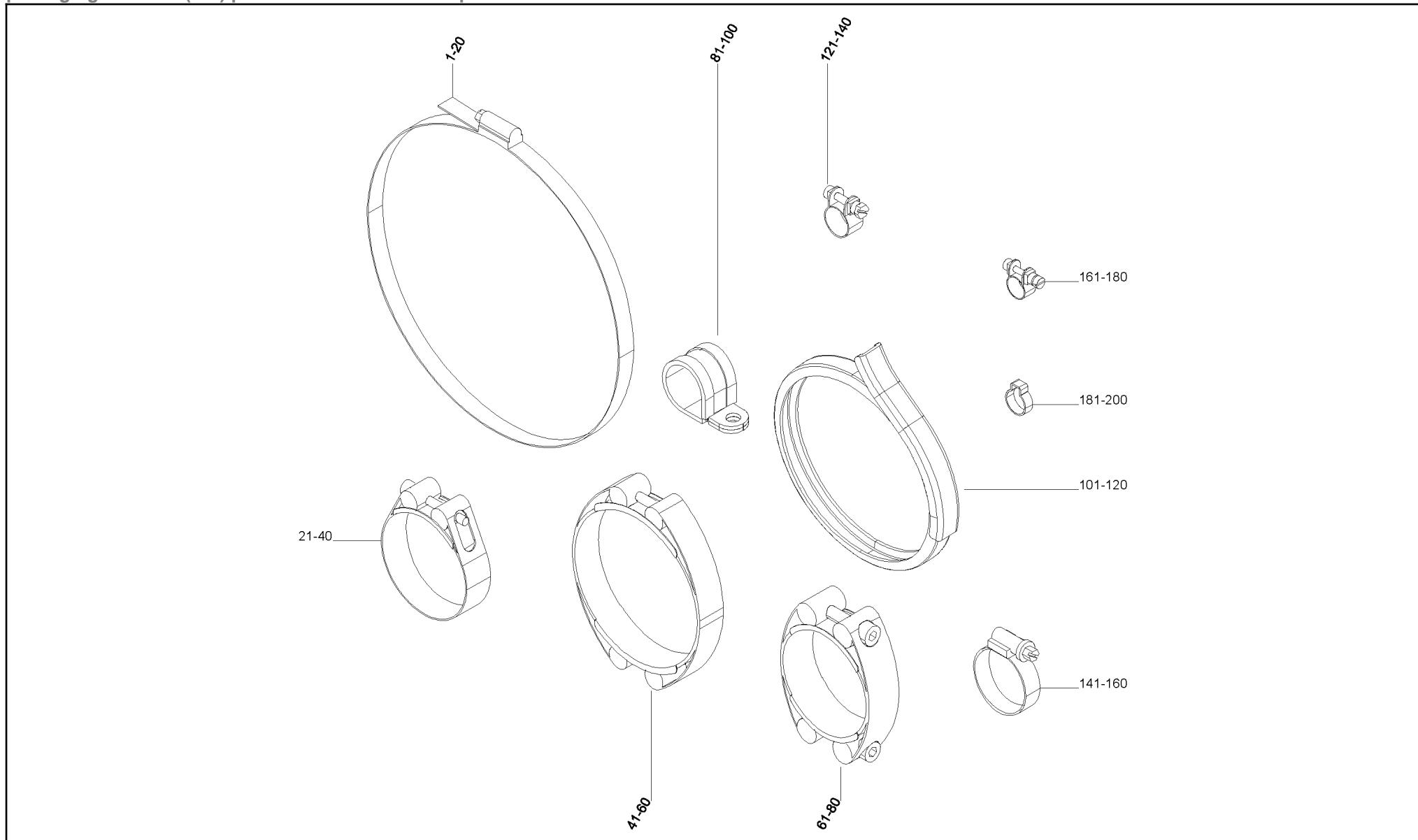


pos	material	document	version	description	quantity	quantity unit	SPC
1	101183904			hose band clip	1,000	PC	9
21	81190130000			hose band clip	1,000	PC	9
41	81190130050			hose band clip	1,000	PC	9
61	101617531			hose band clip	1,000	PC	9
82	101633566			pipe clip	1,000	PC	9
83	81190551232			pipe clip	1,000	PC	9
84	81190553001			pipe clip	1,000	PC	9
101	81190520000			pipe clip	1,000	PC	9
121	81190111201			hose band clip	1,000	PC	9
122	81190111202			hose band clip	1,000	PC	9
123	81190111224			hose band clip	1,000	PC	9
125	105049880			hose band clip	1,000	PC	9
126	81190111462			hose band clip	1,000	PC	9
127	81190111552			hose band clip	1,000	PC	9
128	81190112251			hose band clip	1,000	PC	9
129	81190112252			hose band clip	1,000	PC	9
130	81190112281			hose band clip	1,000	PC	9
131	81190112282			hose band clip	1,000	PC	9
132	81190112301			hose band clip	1,000	PC	9
133	81190112301			hose band clip	1,000	PC	9
134	81190112522			hose band clip	1,000	PC	9
135	81190113682			hose band clip	1,000	PC	9
136	81190114992			hose band clip	1,000	PC	9
141	81190181007			hose clamp with worm gear drive	1,000	PC	9
142	81190181201			hose clamp with worm gear drive	1,000	PC	9
143	81190181202			hose clamp with worm gear drive	1,000	PC	9
144	81190181203			hose clamp with worm gear drive	1,000	PC	9
145	81190181205			hose clamp with worm gear drive	1,000	PC	9
146	81190181206			hose clamp with worm gear drive	1,000	PC	9
161	81190110101			hose band clip	1,000	PC	9

hose band clip

105573338

packaging machine (RM)\pneumatics\hose band clip



**hose band clip**

**105573338**

**packaging machine (RM)\pneumatics\hose band clip**

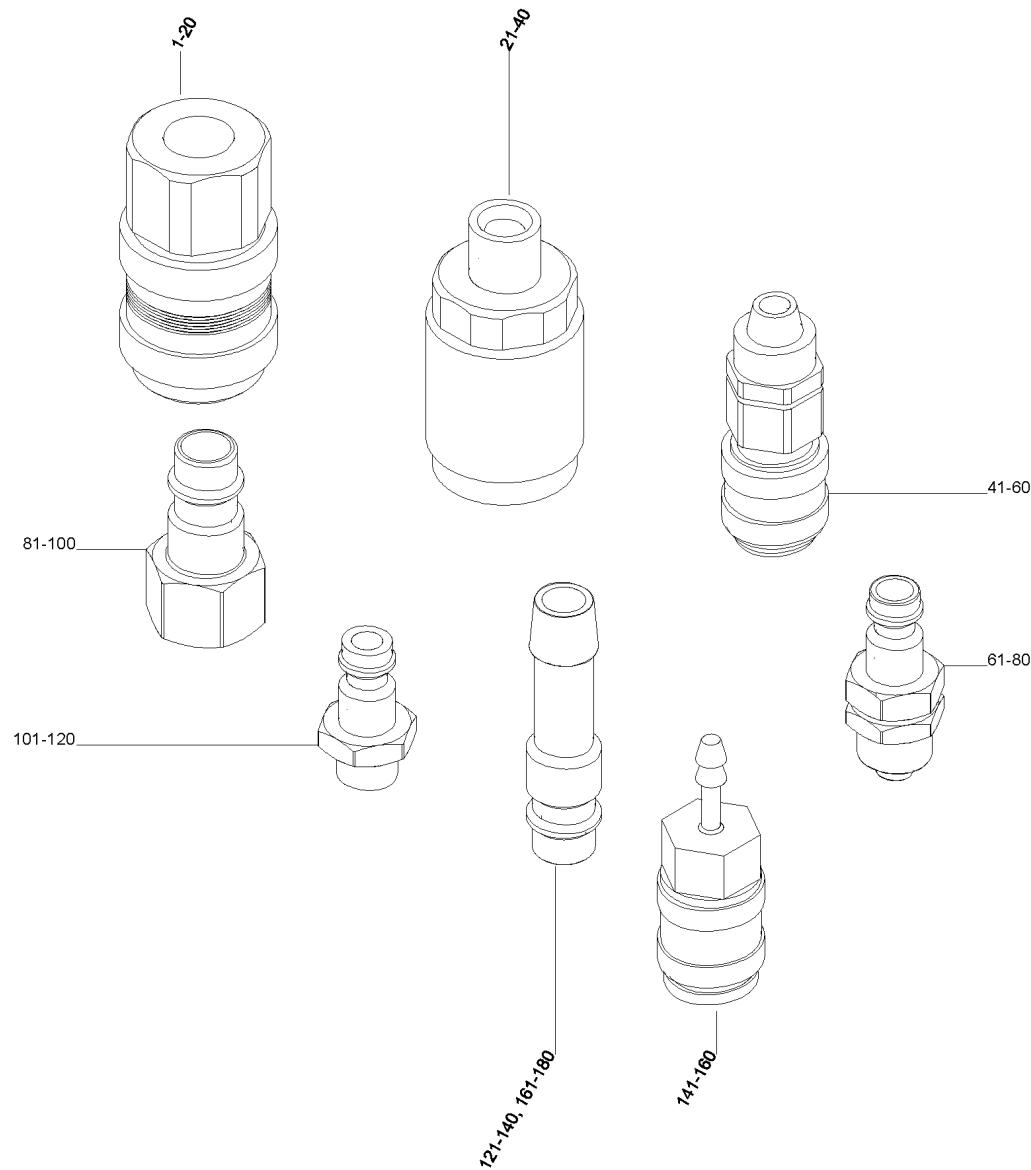


pos	material	document	version	description	quantity	quantity unit	SPC
162	81190110102			hose band clip	1,000	PC	9
163	81190110112			hose band clip	1,000	PC	9
164	81190110121			hose band clip	1,000	PC	9
165	81190110122			hose band clip	1,000	PC	9
166	81190110141			hose band clip	1,000	PC	9
167	81190110142			hose band clip	1,000	PC	9
168	81190110152			hose band clip	1,000	PC	9
181	81190200621			hose clip	1,000	PC	9
182	81190200626			hose clip	1,000	PC	9
183	81190200636			hose clip	1,000	PC	9

**quick-close coupling**

**105572815**

**packaging machine (RM)\pneumatics\quick-close coupling**



## quick-close coupling

105572815

packaging machine (RM)\pneumatics\quick-close coupling

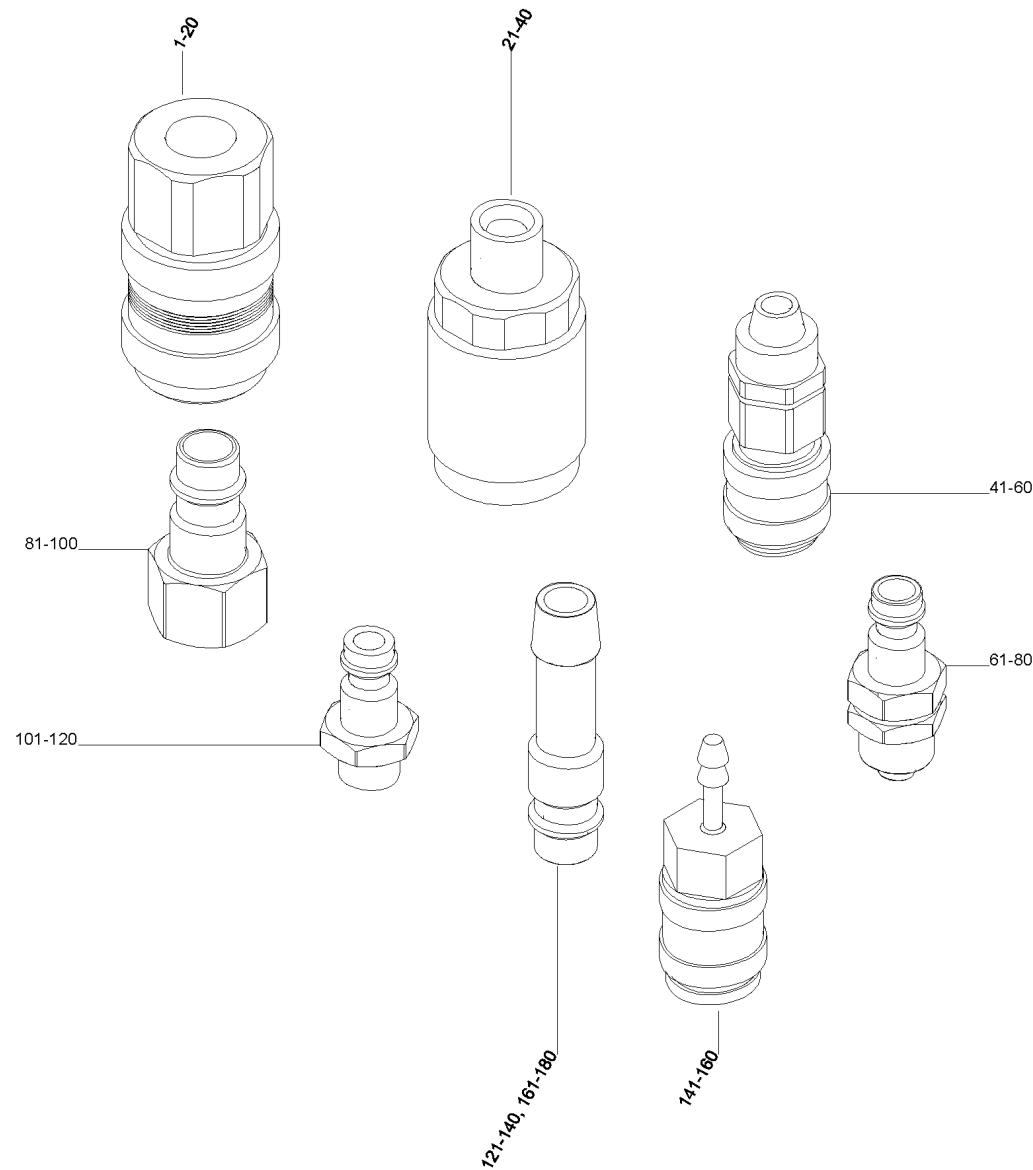


pos	material	document	version	description	quantity	quantity unit	SPC
1	81141821901			quick-close coupling	1,000	PC	9
2	81141821902			quick-close coupling	1,000	PC	9
3	81142111020			quick-close coupling	1,000	PC	9
3	81142111020			quick-close coupling	1,000	PC	9
4	81142111020			quick-close coupling	1,000	PC	9
5	81141111021			quick-close coupling	1,000	PC	9
6	81141111034			quick-close coupling	1,000	PC	9
21	81141821701			quick-close coupling	1,000	PC	9
22	81141821702			quick-close coupling	1,000	PC	9
23	81141821703			quick-close coupling	1,000	PC	9
24	81141111004			quick-close coupling	1,000	PC	9
25	81141111006			quick-close coupling	1,000	PC	9
26	81141111005			quick-close coupling	1,000	PC	9
27	81142111005			quick-close coupling	1,000	PC	9
28	81142111008			quick-close coupling	1,000	PC	9
29	81142821701			quick-close coupling	1,000	PC	9
41	81141822001			quick-close coupling	1,000	PC	9
42	81141822002			quick-close coupling	1,000	PC	9
61	81141820302			connector coupling	1,000	PC	9
62	81141820303			connector coupling	1,000	PC	9
63	81141820304			connector coupling	1,000	PC	9
64	81141820305			connector coupling	1,000	PC	9
81	81141820201			connector coupling	1,000	PC	9
82	81141820202			connector coupling	1,000	PC	9
83	81141820203			connector coupling	1,000	PC	9
84	81141131502			plug nipple	1,000	PC	9
85	81141131506			plug nipple	1,000	PC	9
86	81141131516			plug nipple	1,000	PC	9
87	81142131502			plug nipple	1,000	PC	9
101	81141820101			connector coupling	1,000	PC	9

**quick-close coupling**

**105572815**

**packaging machine (RM)\pneumatics\quick-close coupling**



## quick-close coupling

105572815

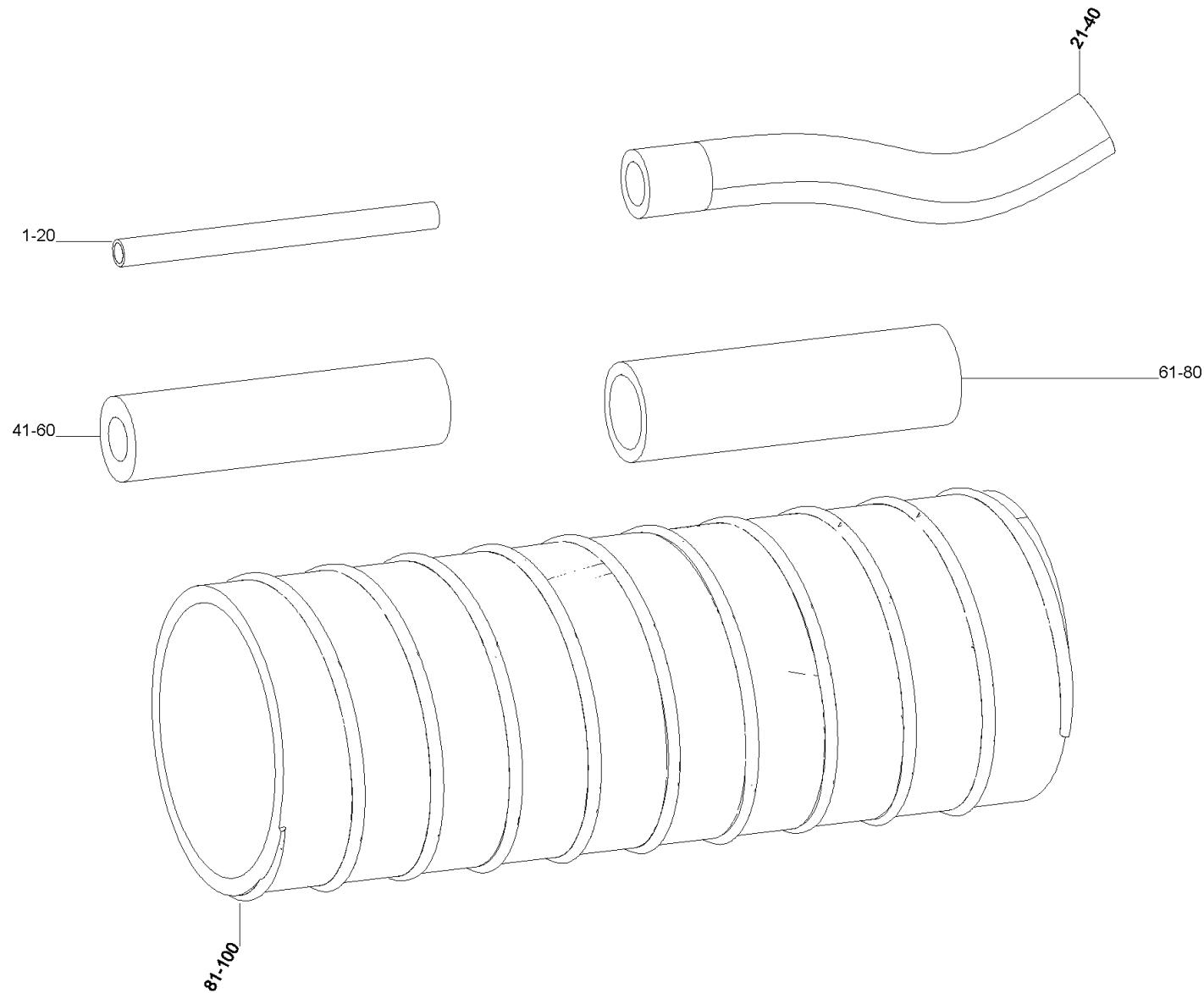
packaging machine (RM)\pneumatics\quick-close coupling



pos	material	document	version	description	quantity	quantity unit	SPC
102	81141820102			connector coupling	1,000	PC	9
103	81141820103			connector coupling	1,000	PC	9
104	81141131104			plug nipple	1,000	PC	9
105	81141131100			plug nipple	1,000	PC	9
106	81141131106			plug nipple	1,000	PC	9
107	81141131126			plug nipple	1,000	PC	9
108	81142820101			plug nipple	1,000	PC	9
121	81142151107			plug sleeve	1,000	PC	9
122	81141151109			plug sleeve	1,000	PC	9
123	81142151104			plug sleeve	1,000	PC	9
124	81142151105			plug sleeve	1,000	PC	9
125	81141820401			connector coupling	1,000	PC	9
126	81141151104			plug sleeve	1,000	PC	9
127	81141151105			plug sleeve	1,000	PC	9
128	81141151120			plug sleeve	1,000	PC	9
141	81141822201			quick-close coupling	1,000	PC	9
142	81141111015			quick-close coupling	1,000	PC	9
143	81142822201			quick-close coupling	1,000	PC	9
161	81141151114			plug sleeve	1,000	PC	9
162	81141151115			plug sleeve	1,000	PC	9
163	81142151114			plug sleeve	1,000	PC	9
164	81142151105			plug sleeve	1,000	PC	9

hose set  
105572807

packaging machine (RM)\pneumatics\hose set



hose set

105572807

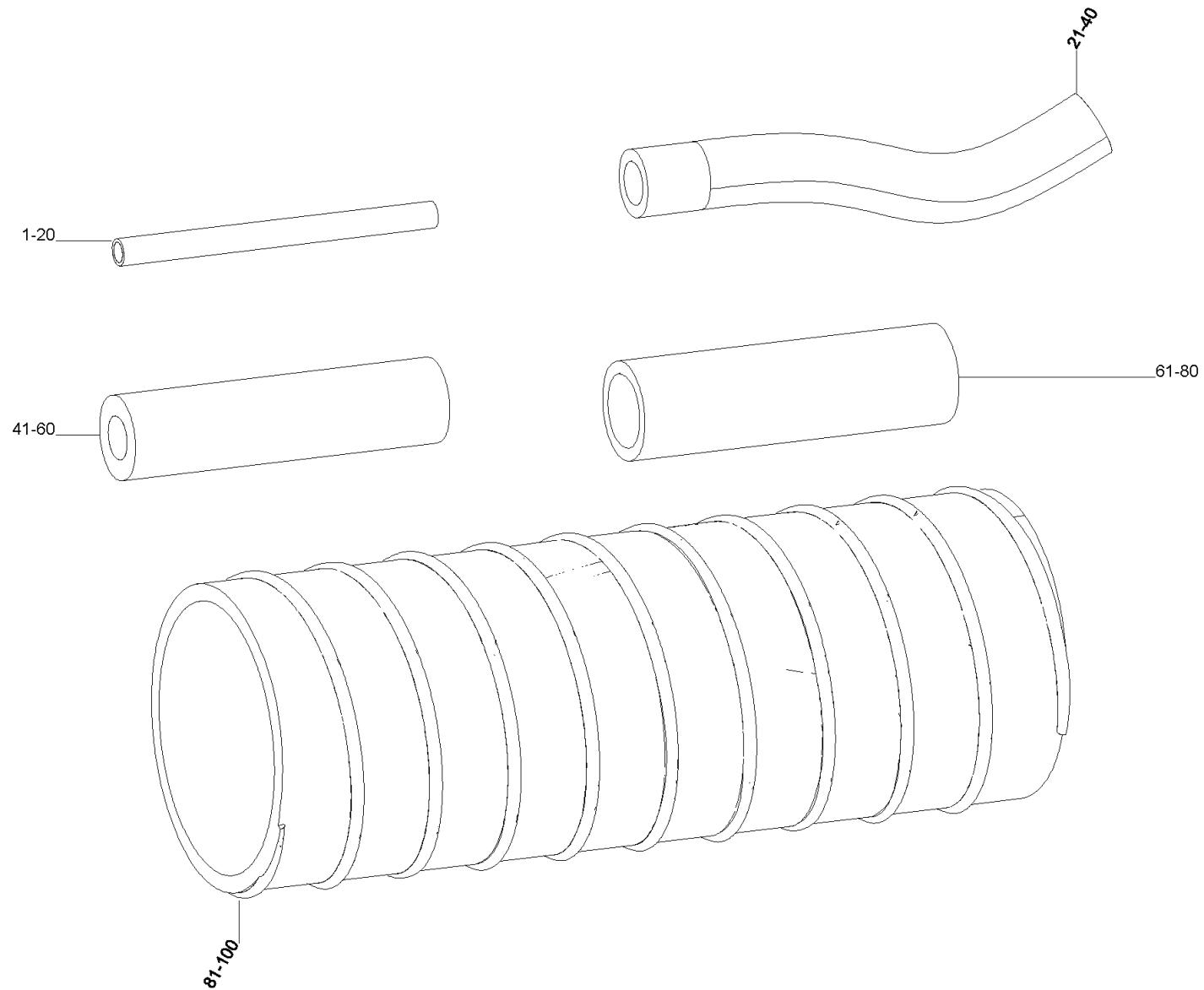
packaging machine (RM)\pneumatics\hose set



pos	material	document	version	description	quantity	quantity unit	SPC
1	81811251301			pa tube	1,000	M	9
2	81811251310			pa tube	1,000	M	9
3	81811251303			pa tube	1,000	M	9
4	81811251304			pa tube	1,000	M	9
5	81811301063			PUR hose	1,000	M	9
6	81811251081			pa tube	1,000	M	9
7	81811251082			pa tube	1,000	M	9
8	81811251083			pa tube	1,000	M	9
9	81811251307			pa tube	1,000	M	9
21	81811120610			fabric hose	1,000	M	9
22	81811120810			fabric hose	1,000	M	9
23	81811121310			fabric hose	1,000	M	9
24	81811121610			fabric hose	1,000	M	9
41	81810172000			hose	1,000	M	9
42	106857996			hose	1,000	M	9
43	106857995			hose	1,000	M	9
44	106232422			pressure hose	1,000	M	9
45	106232422			pressure hose	1,000	M	9
46	106857997			hose	1,000	M	9
61	81810202200			pressure hose	1,000	M	9
62	81811132230			spiral hose	1,000	M	9
63	81810203200			pressure hose	1,000	M	9
64	81811133250			spiral hose	1,000	M	9
65	81817101115			spiral hose	1,000	M	9
81	81817101150			spiral hose	1,000	M	9
82	81817101100			spiral hose	1,000	M	5
83	81817101120			spiral hose	1,000	M	9
84	81817101300			spiral hose	1,000	M	5
85	81817101230			spiral hose	1,000	M	9
86	81817101301			spiral hose	1,000	M	9

hose set  
105572807

packaging machine (RM)\pneumatics\hose set



**hose set**

**105572807**

**packaging machine (RM)\pneumatics\hose set**



pos	material	document	version	description	quantity	quantity unit	SPC
87	81817101101			spiral hose	1,000	M	9
97	81811251304			pa tube	1,000	M	9
107	81811121310			fabric hose	1,000	M	9
117	106232422			pressure hose	1,000	M	9
127	81811132230			spiral hose	1,000	M	9
137	81817101120			spiral hose	1,000	M	9