

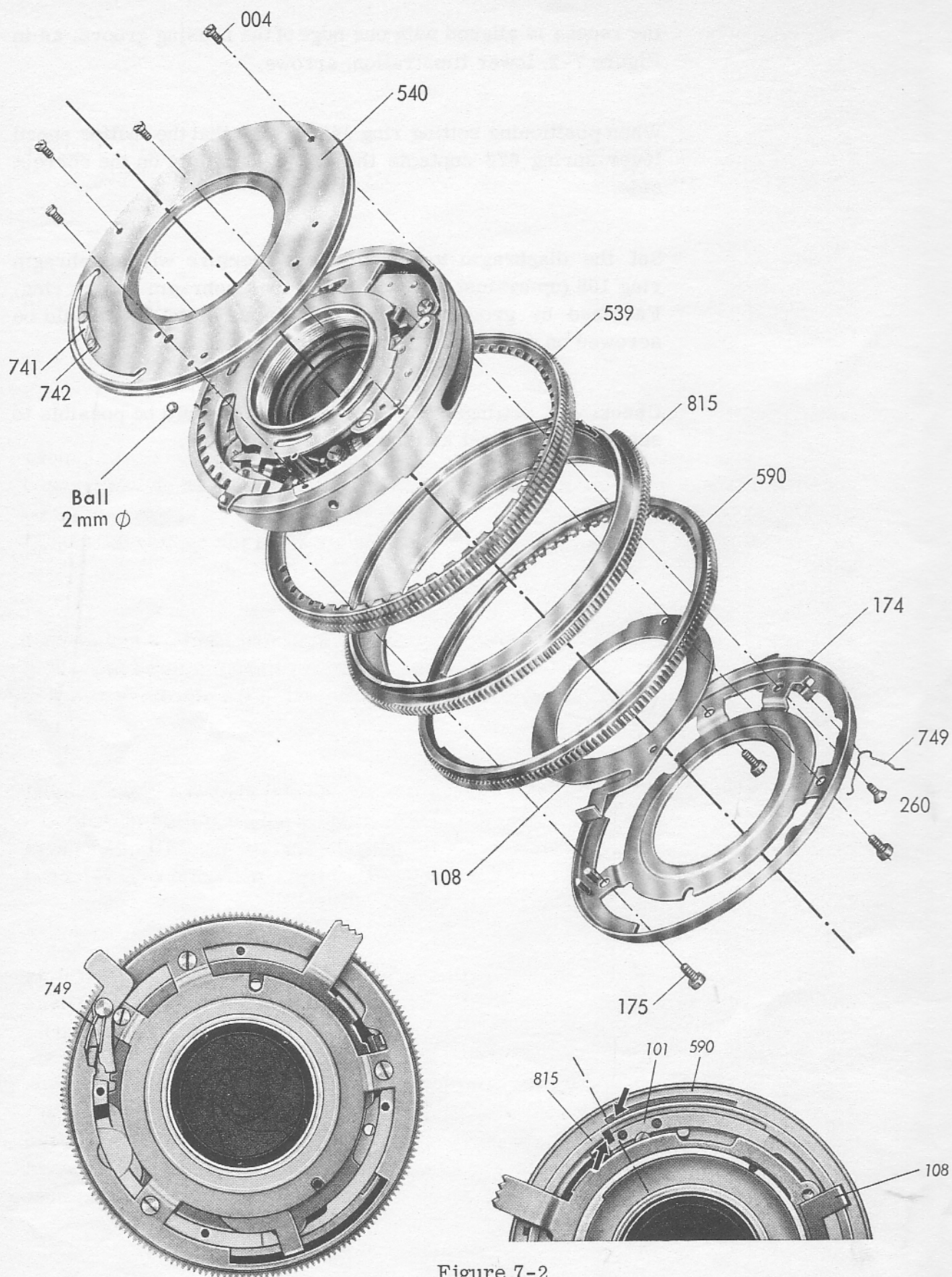


Figure 7-2

SECTION 8 - SPARE PARTS LIST

8-1. GENERAL

This section contains the Camera/Lens/Shutter Table, Spare Parts List for Cocking Ring 1110-000, 1210-000 and Spare Parts List for special shutters.

8-2. ORDERING INFORMATION

Because of the variety of Shutter designs, use only the part designations found in the Spare Parts Lists and, in particular, the complete fourteen-digit stock numbers. This is the only way to exclude errors and insure rapid fulfillment of your orders.

To find a spare part number, you should know the camera manufacturer, camera model and lens data. Consult the Camera/Lens/Shutter Table which is arranged in the alphabetical order of camera manufacturers. In the first three columns of this table you will find camera model, lens data and the applicable special shutter number (CS-number).

The Spare Parts List is subdivided into lists for standard shutters and special shutters. The Spare Parts Lists for standard shutters are arranged according to standard type numbers; those for special shutters and in the alphabetical order of the camera maker's name.

In the "Type" column of the Spare Parts Lists for special shutters is the special shutter number. The special parts, i.e., those parts only installed in that particular special shutter, are listed in the heading "Description". All other parts covered by the Spare Parts Lists for the standard types (CN-number), referred to at the end of each Spare Parts List.

If you are unable to trace the designation and number of a spare part accurately in the Spare Parts Lists, refer to the illustration plates listed in the Camera/Lens/Shutter Table. The illustrated parts are marked with a three-digit number. This number applies to the standard part shown in the illustration and to any possible special part which serves the same function. Once you have found the three-digit number in the illustration, trace this number first in the "Illustration" column of the Special Spare Parts List. If this number cannot be found there, the part is a standard part and must be looked up in the Spare Parts List for standard shutters, referred to at the end of each Spare Parts List for special shutters.

The numbered items of the Supplement explain special points which should be considered when placing orders or making repairs. Reference to the various items will be found in the "Supplement" column of the Spare Parts List in the form of encircled numbers or symbols (see below).

8-3. SYMBOLS IN SPARE PARTS LIST

The following symbols appear in the first column of the Spare Parts List and indicate a change in the regular ordering procedure:

- This part may differ from the standard version. Look up stock number in Special Shutter Spare Parts List.
- × This part will not be supplied.
- △ This part must be ordered from the camera maker.
- This part must be ordered from the lens maker.
- ⑨ See Item 9 of Supplement to Compur manual.

A, B or C indicates the cocking pinion adjustment (see paragraph 5-3, C of this manual).

8-4. REPAIR INSTRUCTIONS AND LUBRICATION SCHEDULES

The table also contains, under the headings "Repair Instruction" and "Lubrication Schedule", indications of the applicable instructions for repair and maintenance and lubrication of the shutter. Pay special attention to these points to insure thorough and proper maintenance.

Camera/Lens/Shutter Table

Camera	Lens	Special Shutter	Illustration Figure	Rep. Instr. Page	Lubrication Schedule Figure
Rolleiflex	Tessar 3.5/75	CS 1110-226	3-1 thru 8 6-2	5-4/5-8 6-1	4-1 & 2
Rolleiflex 6x6	Xenar 3.5/75 Tessar 3.5/75 Planar 3.5/75	CS 1110-230	3-1 thru 8	5-4/5-8	4-1 & 2
Rolleicord V	Xenar 3.5/75	CS 1110-231	3-1 thru 8	5-4/5-8	4-1 & 2
Rolleiflex 4x4	Xenar 3.5/60	CS 1110-235	6-2 3-1 thru 8	6-1 5-4/5-8	4-1 & 2
Rolleiflex 6x6	Xenotar 3.5/75	CS 1110-236	3-1 thru 8	5-4/5-8	4-1 & 2
Rolleiflex 3.5 F	Xenotar 3.5/75	CS 1110-238	3-1 thru 8	7-1/7-3 5-4/5-8	4-1 & 2 4-1 & 2
Rolleiflex 3.5 F	Planar 3.5/75	CS 1110-239	3-1 thru 8	7-1/7-3 5-4/5-8	4-1 & 2
Rolleiflex T	Xenotar 3.5/75	CS 1110-240	6-2 3-1 thru 8	5-4/5-8	4-1 & 2
Tele-Rolleiflex	Sonnar 4.0/135	CS 1210-275	3-1 thru 8	5-4/5-8	4-1 & 2
Weitwinkel-Rolleiflex	Distagon 4.0/55	CS 1210-275	3-1 thru 8	5-4/5-8	4-1 & 2
Rolleiflex 2.8 F	Xenotar/ Planar 2.8/80	CS 1210-276	3-1 thru 8	5-4/5-8	4-1 & 2

Table 8-1

SPARE PARTS LIST						
Stock No.		Description	Qty.	Illustration		Type
				Figure	No.	
×	●	1110 10 000 101 84	Casing	1	3-8 101	
	●	1104 30 000 102 81	Screw-on fitting	1	- -	
①		1110 10 000 105 84	Diaphragm segment	5	3-8 105	
①	●	1110 10 000 106 85	Diaphragm cover	1	3-8 106	
	●	1110 50 000 108 83	Diaphragm ring	1	3-8 108	
	●	1110 30 000 109 82	Casing screw	3	3-7 109	
	●	1110 30 000 113 81	F-stop indicator screw	2	3-8 113	
	●	1110 30 000 114 85	F-stop indicator	1	3-8 114	
	●	1104 30 000 115 82	Shutter mounting screw	1	- -	
①		1110 10 000 116 81	Sector cover	1	3-8 116	
	●	1110 30 000 117 81	Sector cover screw	3	3-8 117	
①		1110 30 000 120 83	Diaphragm ring guide screw	3	3-8 120	
		1110 40 000 146 81	MX click stop spring	1	3-7 146	
		1110 40 000 147 83	Rivet f. MX click stop spring	1	3-7 147	
	●	1110 10 000 148 81	Setting ring	1	3-8 148	
	●	1110 30 000 150 82	Setting ring disc	1	3-8 150	
⑩		1110 30 000 151 83	Setting ring spring	1	3-3 151	
×	●	1110 10 000 201 84	Base plate	1	3-7 201	
		1110 10 000 202 85	Sector ring	1	3-7 202	
×	●	1110 30 000 204 83	Mounting tube	1	3-7 204	
④		1110 30 000 208 81	Sector	5	3-7 208	
		1110 30 000 249 84	Sector ring closing spring	1	3-7 249	
		1110 30 000 260 81	Screw for stop	1	3-7 260	
		1110 30 000 261 81	Screw for mounting tube	2	3-7 261	
		1110 30 000 299 84	Stop	1	3-7 299	
		1110 10 000 300 81	Escapement	1	3-5 300	
		1110 30 000 304 81	Escapement screw, long	1	3-5 304	
		1110 40 000 320 83	Anchor plate spring	1	3-5 320	
		1110 30 000 323 81	Escapement screw, short	1	3-5 323	
		1110 30 000 344 81	Check lever spring	1	3-5 344	
		1110 10 000 400 81	Selftimer mechanism	1	3-6 400	
		1110 30 000 416 81	Selftimer mechanism screw	1	3-6 416	
		1110 30 000 418 81	Clamp screw	1	3-4 418	
		1110 30 000 420 82	V-lock spring	1	3-4 420	
⑧		1110 20 000 421 81	V-detent lever	1	3-4 421	
		1110 30 000 423 81	Selftimer mechanism spring	1	3-6 423	
	●	1110 10 000 508 82	Release	1	3-3 508	
		1110 10 000 514 82	Drive	1	3-2 514	
		1110 30 000 515 83	Drive spring	1	3-2 515	
A		1110 10 000 517 82	Cocking pinion	1	3-2 517	
		1110 30 000 519 82	Release lock spring	1	3-2 519	
③ ⑱		1110 40 000 521 81	Cocking ring spring	1	3-2 521	
	●	1110 10 000 528 82	Cocking ring	1	3-2 528	

Table 8-2

Table 8-2 Cont. SPARE PARTS LIST

Stock No.		Description	Qty.	Illustration		Type
				Figure	No.	
	1110 30 000 538 82	Retaining screw	1	3-1	538	
•	1110 30 000 539 83	Exposure setting ring	1	3-1	539	
•	1110 30 000 540 81	Cover plate	1	3-1	540	
•	1110 30 000 547 82	Threaded ring	1	3-1	547	
•	1110 30 000 552 83	Slotted cam ring	1	3-1	552	
	1110 40 000 559 84	Release spring	1	3-3	559	
•	1110 20 000 600 83	Contact nipple	1	3-8	600	
•	1110 40 000 604 84	Grounding element	1	3-8	604	
	1110 40 000 608 83	Contact stop	1	3-8	608	
	1110 10 000 612 82	M-contact lever	1	3-4	612	
	1110 30 000 614 84	M-contact lever spring	1	3-4	614	
	1110 10 000 615 81	X-contact lever	1	3-4	615	
	1110 30 000 616 82	M-adjusting element	1	3-4	616	
	1110 30 000 618 82	M-adjusting element screw	1	3-4	618	
	1110 30 000 619 81	M-detent lever spring	1	3-4	619	
	1110 30 000 620 81	Bridge screw	1	3-4	620	
	1110 10 000 621 84	Bridge	1	3-4	621	
	1110 40 000 623 82	Rivet for grounding element	1	3-8	623	
⑧	1110 40 000 627 81	M-anchor plate	1	3-7	627	
	1110 10 000 632 81	M-spur gear	1	3-4	632	
•	1110 50 000 635 82	M-detent	1	3-4	635	
	1110 40 000 640 81	Cocking lock spring	1	3-4	640	
	1110 30 000 641 83	M-detent spring	1	3-4	641	
⑧	1110 20 000 664 81	M-detent lock	1	3-7	664	
	1110 10 000 667 82	Release lock	1	3-3	667	
	1110 30 000 669 86	Shutter speed lever	1	3-3	669	
•	1110 30 000 671 81	Shutter speed lever screw	1	3-3	671	
	1110 30 000 672 83	Locking lever spring	1	3-4	672	
⑩	• 1110 30 000 673 82	Shutter speed lever spring	1	3-3	673	
⑧	1110 40 000 696 85	M-cam check lever	1	3-7	696	

SPARE PARTS LIST					1210-000	
Cocking Ring						
Stock No.		Description	Qty.	Illustration		Type
				Figure	No.	
×	●	1210 10 000 101 80	Casing	1	3-8	101
	●	1210 30 000 102 80	Screw-on fitting	1	-	-
		1210 10 000 105 86	Diaphragm segment	5	3-8	105
		1210 10 000 106 85	Diaphragm cover	1	3-8	106
	●	1210 50 000 108 82	Diaphragm ring	1	3-8	108
		1210 30 000 109 80	Casing screw	5	3-7	109
		1210 30 000 113 80	F-stop indicator screw	2	3-8	113
	●	1210 30 000 114 81	F-stop indicator	1	3-8	114
	●	1204 30 000 115 82	Shutter mounting screw	1	-	-
		1210 10 000 116 82	Blade cover	1	3-8	116
		1210 30 000 117 80	Blade cover screw	4	3-8	117
		1110 30 000 120 83	Diaphragm ring guide screw	3	3-8	120
		1110 40 000 146 81	MX click stop spring	1	3-8	146
	●	1210 10 000 148 82	Setting ring	1	3-8	148
		1210 30 000 151 80	Setting ring spring	1	3-3	151
(47)	×	● 1210 10 000 201 83	Base plate	1	3-7	201
		1210 10 000 202 82	Blade ring	1	3-7	202
(47)	×	● 1210 30 000 204 83	Mounting tube	1	3-7	204
	(4)	1210 10 000 208 82	Blade	3	3-7	208
		1210 10 000 225 80	Blade plate	1	3-7	225
		1210 30 000 230 81	Blade plate screw	3	3-7	230
		1210 30 000 249 82	Blade ring closing spring	1	3-7	249
	(13)	1110 30 000 260 81	Screw for stop	1	3-7	260
		1210 30 000 261 81	Screw for mounting tube	4	3-7	261
	(4)	1210 10 000 267 80	Blade, lower	1	3-7	267
	(4)	1210 10 000 268 80	Blade, upper	1	3-7	268
		1210 30 000 299 83	Stop	1	3-7	299
		1210 10 000 300 81	Escapement	1	3-5	300
		1110 30 000 304 81	Escapement screw, long	1	3-5	304
		1110 40 000 320 83	Anchor plate spring	1	3-5	320
		1110 30 000 323 81	Escapement screw, short	1	3-5	323
		1110 30 000 344 81	Check lever spring	1	3-5	344
		1110 10 000 400 81	Selftimer mechanism	1	3-6	400
		1110 30 000 416 81	Selftimer mechanism screw	1	3-6	416
		1110 30 000 418 81	Clamp screw	1	3-4	418
		1110 30 000 420 82	V-lock spring	1	3-6	420
	(8)	1210 20 000 421 80	V-detent lever	1	3-7	421
		1110 30 000 423 81	Selftimer mechanism spring	1	3-6	423
	●	1210 10 000 508 82	Release	1	3-3	508

Table 8-3

Table 8-3 Cont. SPARE PARTS LIST
Cocking ring

Stock No.		Description	Qty.	Illustration		Type
				Figure	No.	
A	× (57)	1210 10 000 514 81	1	3-2	514	
		1210 30 000 515 81	1	3-2	515	
		1210 10 000 517 80	1	3-2	517	
		1210 30 000 519 82	1	3-2	519	
	(3) (19)	1210 40 000 521 80	1	3-2	521	
	•	1210 10 000 528 80	1	3-2	528	
		1110 30 000 538 82	1	3-1	538	
	•	1210 30 000 539 81	1	3-1	539	
	•	1210 30 000 540 80	1	3-1	540	
		1210 30 000 547 81	1	3-1	547	
	•	1210 30 000 552 81	1	3-1	552	
		1210 30 000 559 81	1	3-3	559	
	•	1110 20 000 600 83	1	3-8	600	
	•	1110 40 000 604 84	1	3-8	604	
		1110 40 000 608 83	1	3-8	608	
		1110 10 000 612 82	1	3-4	612	
		1210 30 000 614 80	1	3-4	614	
		1210 10 000 615 81	1	3-4	615	
		1110 30 000 616 82	1	3-4	616	
		1110 30 000 618 82	1	3-4	618	
		1110 30 000 619 81	1	3-4	619	
		1110 30 000 620 81	1	3-4	620	
	(57)	1210 10 000 621 80	1	3-4	621	
		1110 40 000 623 82	1	3-7	147	
		1210 40 000 623 80	1	3-8	623	
	(8)	1210 40 000 627 80	1	3-7	627	
		1110 10 000 632 81	1	3-4	632	
	•	1210 10 000 635 80	1	3-4	635	
		1110 40 000 640 81	1	3-4	640	
		1110 30 000 641 83	1	3-4	641	
	(8)	1210 20 000 664 81	1	3-7	664	
		1210 10 000 667 81	1	3-3	667	
	(47)	1210 30 000 669 81	1	3-3	669	
		1110 30 000 671 81	1	3-3	671	
		1210 30 000 672 82	1	3-4	672	
	(8)	1110 40 000 696 85	1	3-7	696	

SPARE PARTS LIST Special shutters for						
Stock No.		Description	Qty.	Illustration		Type
				Figure	No.	
×	1110 10 230 101 81	Casing	1	3-8	101	CS-1110-230 Xenar/Tessar/Planar 3.5/75 Rolleiflex 6x6
Δ		Screw-on ring	1	-	-	
⑤	1110 50 230 108 82	Diaphragm ring	1	3-8	108	
	1110 10 230 148 80	Setting ring	1	3-8	148	
×	1110 10 230 201 81	Base plate	1	3-7	201	
	1110 10 230 508 81	Release	1	3-3	508	
B	1112 10 000 517 80	Cocking pinion	1	3-2	517	
	1110 50 230 528 80	Cocking ring	1	3-2	528	
	1110 30 230 539 80	Exposure control ring	1	3-1	539	
	1110 30 548 540 80	Cover plate	1	3-1	540	
	1110 30 230 552 82	Slotted cam ring	1	3-1	552	
	1110 20 548 600 83	Contact nipple	1	3-8	600	
	1110 10 010 635 80	M-detent	1	3-4	635	
	1110 30 230 671 80	Shutter speed lever screw	1	3-3	671	
Remaining parts as under 1110-000						
	1110 50 236 108 80	Diaphragm ring	1	3-8	108	CS-1110-236 Xenotar 3.5/75 Rolleiflex 6x6
Remaining parts as under CS-1110-230						
×	1110 10 231 101 82	Casing	1	3-8	101	CS-1110-231 Xenar 3.5/75 Rolleicord V 6x6
Δ		Screw-on ring	1	-	-	
①	1110 50 231 108 82	Diaphragm ring	1	3-8	108	
	1110 10 231 148 81	Setting ring	1	3-8	148	
	1110 10 231 508 82	Release	1	3-3	508	
C	1110 10 000 517 82	Cocking pinion	1	3-2	517	
	1110 50 230 528 80	Cocking ring	1	3-2	528	
	1110 30 230 539 80	Exposure control ring	1	3-1	539	
	1110 30 231 540 81	Cover plate	1	3-1	540	
	1110 20 548 600 83	Contact nipple	1	3-8	600	
	1110 10 439 635 80	M-detent	1	3-4	635	
Remaining parts as under 1110-000						

Table 8-4

Table 8-4 Cont.		SPARE PARTS LIST Special shutters for					
Stock No.		Description	Qty.	Illustration		Type	
				Figure	No.		
④	×	1210 10 275 101 82	Casing	1	3-8	101	For shutters with a drive slot on the exposure control ring CS-1210-275 Sonnar 4.0/135 Tele Rolleiflex
	Δ		Screw-on ring	1	-	-	
		1210 50 275 108 80	Diaphragm ring	1	3-8	108	
		1210 10 275 148 84	Setting ring	1	3-8	148	
	×	1210 10 275 201 82	Base plate	1	3-7	201	
		1210 10 275 508 83	Release	1	3-3	508	
	⊖	1210 10 000 517 80	Cocking pinion	1	3-2	517	
		1210 10 275 528 81	Cocking ring	1	3-2	528	
		1210 30 275 539 80	Exposure control ring	1	3-1	539	
		1210 30 275 540 80	Cover plate	1	3-1	540	
		1210 30 275 552 82	Slotted cam ring	1	3-1	552	
		1110 20 548 600 83	Contact nipple	1	3-8	600	
		1210 10 010 635 81	M-detent	1	3-4	635	
		1110 30 230 671 80	Shutter speed lever screw	1	3-3	671	
	④	×	1210 10 275 101 82	Casing	1	3-8	
Δ			Screw-on ring	1	-	-	
		1210 50 276 108 80	Diaphragm ring	1	3-8	108	
		1210 10 276 148 80	Setting ring	1	3-8	148	
×		1210 10 275 201 82	Base plate	1	3-8	201	
		1210 10 275 508 83	Release	1	3-3	508	
⊖		1210 10 000 517 80	Cocking pinion	1	3-2	517	
		1210 10 275 528 81	Cocking ring	1	3-2	528	
		1210 30 276 539 80	Exposure control ring	1	3-1	539	
		1210 30 275 540 80	Cover plate	1	3-1	540	
		1210 30 275 552 82	Slotted cam ring	1	3-1	552	
		1110 20 548 600 83	Contact nipple	1	3-8	600	
		1210 10 010 635 80	M-detent	1	3-4	635	
		1110 30 230 671 80	Shutter speed lever screw	1	3-3	671	
Δ				Screw-on ring	1	-	-
		1110 50 235 108 81	Diaphragm ring	1	3-8	108	
		1110 10 235 148 82	Setting ring	1	3-8	148	
		1112 10 341 163 81	Shutter speed coupling ring	1	6-2	163	
	⊖	1110 10 135 517 80	Cocking pinion	1	6-2	517	
		1110 30 135 539 81	Exposure control ring	1	3-1	539	
		1110 10 235 590 80	Diaphragm coupling ring	1	6-2	590	
		1110 30 235 722 81	Slip-on pinion	1	-	-	
Remaining parts as under 1110-010							

Table 8-4 Cont.

SPARE PARTS LIST
Special shutters for

Stock No.		Description	Qty.	Illustration Figure No.		Type
x	1110 10 226 101 80	Casing	1	3-8	101	CS-1110-226 Tessar 3.5/75
Δ		Screw-on ring	1	-	-	
	1110 50 226 108 81	Diaphragm ring	1	3-8	108	
(51)	1110 10 226 148 82	Setting ring	1	3-8	148	
	1110 40 010 153 83	Contact support rivet	2		153	
x	1110 10 226 201 81	Base plate	1	3-7	201	
	1110 10 010 508 82	Release	1	6-2	508	
B	1112 10 000 517 80	Cocking pinion	1	3-2	517	
	1110 10 226 528 80	Cocking ring	1	3-2	528	
	1110 10 226 539 80	Exposure control ring	1	3-1	539	
	1110 30 548 540 80	Cover plate	1	3-1	540	
	1110 30 230 552 83	Slotted cam ring	1	3-1	552	
	1110 20 010 601 81	Contact support	1	3-8	601	
	1110 40 010 604 83	Grounding element	1	3-8	604	
	1110 40 010 610 81	Shim for contact support	1	-	-	
	1110 10 010 635 80	M-detent	1	3-4	635	
Remaining parts as under 1110-000						CS-1110-240 Xenotar 3.5/75
	1110 50 240 108 80	Diaphragm ring	1	3-8	108	
	1110 10 226 148 82	Setting ring	1	3-8	148	
Remaining parts as for CS-1110-226						CS-1110-238 Xenotar 3.5/75
(28)	1210 30 702 004 80	Screw for cover plate	4		004	
x	1110 10 238 101 84	Casing	1		101	
	1110 50 238 108 83	Diaphragm ring	1		108	
	1110 10 238 148 80	Setting ring	1		148	
	1110 10 238 174 82	Retaining plate	1		174	
B	1110 10 000 517 83	Cocking pinion	1	6-2	517	
	1110 10 238 528 80	Cocking ring	1	3-2	528	
(28)	1110 30 000 538 82	Retaining screw	1	3-1	538	
(27)	1110 10 238 539 82	Exposure control ring	1		539	
(27) (28)	1110 10 238 540 82	Cover plate	1	3-1	540	
(27) (28)	1110 10 238 540 84	Cover plate	1		540	
(28)	1110 30 000 547 82	Threaded ring	1	3-1	547	

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