PRONTOR

INSTRUCTIONS FOR REPAIRING PRONTOR- PHOTOGRAPHIC SHUTTERS

2

CONTENTS

GAUTHIER

PHOTOGRAPHIC SHUTTERS

GAUTHIER

PHOTOGRAPHIC SHUTTERS

Preface to Folder 2

General

a) The present folder is a supplement to and the continuation of the previously published "Instructions for Repair Shops". The shutter mechanisms are classified in the traditional manner and enlarged by the addition of the new systems "10" and "11".

According to this the shutter is classified in the following systems:

1 Cocking System
2 Trigger System
3 Slow Speed Assembly System
4 Delayed Action Device System
5 Shutter Blade System
6 Diaphragm System
7 Flash Contact System
8 Setting System for Speeds
9 Speed-Aperture Coupling
10 Exposure Control Mechanism
11 System of Cover Shutter Blades

b) In order to help you to find the supplements of this folder the heading of each supplement (new shutter type) has a different color.
With each new supplement you also receive a new table of contents which is to be exchanged for the old one which can be destroyed.

c) For reason of simplification, beginning with the 5th supplement on size "00" the two ciphers are no longer written in front of the indentification number of the model.

for instance: PRONTOR-SVS 00375 is PRONTOR-SVS 375
PRONTOR-SLK 00520 is PRONTOR-SLK 520

d) The comments on page 1 - 4 in folder 1 are also valid for this folder and we ask you to take note of them.

Spare Parts

Each order of spare parts must bear the description of the part and its part number.

For instance:	Part Description	Part number
	Frontplate	345-U143
	Slow speed ass.	381-G20
	Synchro switch ring	476- 212

This information can be gathered from the spare parts list which is included in each supplement.

In case of doubt, please send us the part to be replaced, and if possible, indicate the camera in which the shutter is used, by brand and model number.

GAUTHIER

INSTRUCTIONS FOR REPAIR SHOPS

PHOTOGRAPHIC SHUTTERS

Fourth Supplement

CONCERNING THE SINGLE "CONTROL-RING" SHUTTER

PRONTORMAT

Contents

General Introduction

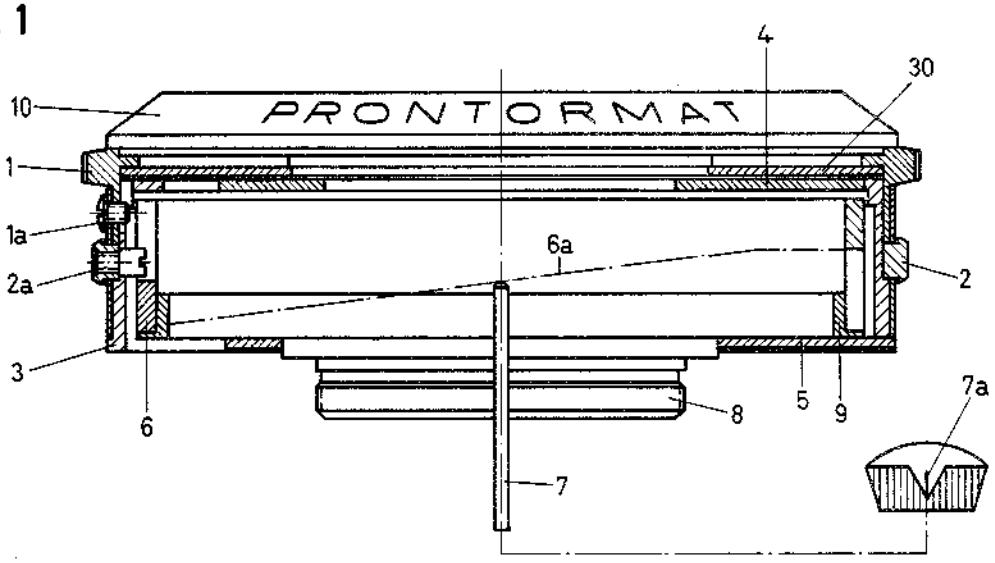
The PRONTORMAT shutter is designed and in combination with an exposure meter, distinguishes itself from the traditional shutter through the following characteristics:

1. All settings of the shutter are made simply by rotating a single "control-ring" comprising the "daylight range" and the "flash range".
2. There are no scales for speed and diaphragm adjustments. Only the "flash range" has a scale with the diaphragm values.
3. By rotating the "control-ring", point and pointer of the exposure meter are brought into coincidence. In this way the best speed-aperture combination is set in accordance with the prevailing light conditions.
4. When lighting conditions in the "daylight" range are too poor for perfect pictures, the exposure meter is automatically switched off and simultaneously, the shutter is switched to the "flash" range. The constant speed of 1/30 sec. and the X-synchronization adjustments permit the use of flash bulb, as well as electronic flash equipment.
5. On shutters with a depth of field indicator, the two index pointers are set on the value scale attached to the diaphragm by rotating the "control-ring".

DESIGN AND FUNCTIONAL OPERATION OF THE "CONTROL-RING" SHUTTER

The sectional drawing of fig. 1 shows the rings and control cams engaged to be carried on a rotating movement. The single "control-ring" (1) is rigidly engaged to the notched ring (3) by means of a pin-slot-connection (1a) while the ring for the film speed (2) is adjustable and coupled with the notched ring by means of a click spring and connecting to the driver slot of the exposure control cam ring (6) by means of a scew head (2a).

Fig. 1

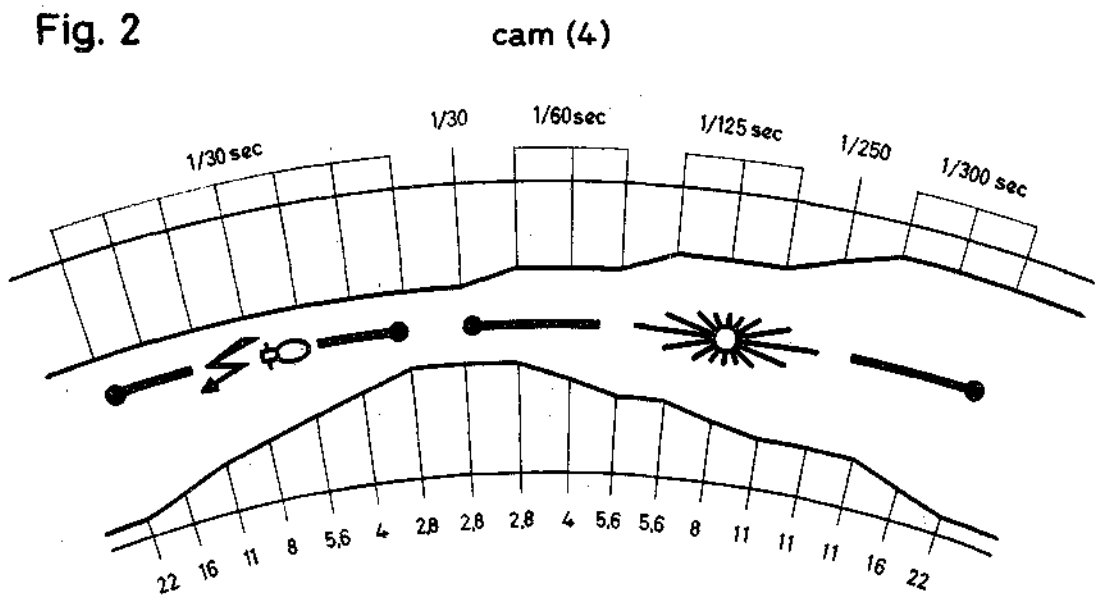


All rotary driver connections of the rings and disks are turned to the sectional field resp. plane.

1. setting ring ("single control-ring") 00555-137
2. film speed ring 00555-722
3. notched ring 00555-772
4. control disk 00555-24
5. diaphragm ring 00555-7.1
6. exposure-control cam ring 00555-705
7. tracing-pin of the exposure meter
8. shutter housing 00555-U1
9. holding ring for exposure control cam ring 00555-700
10. front plate 00555-U143
30. base plate 00555-794.1

From fig. 1 results that the rotating of the "One"-Ring as well as the setting of the film speed on the film speed ring influences the pointer (7a) of the exposure meter over the control cam (6a) of the exposure meter control cam ring. And in order to change speed and aperture in dependence of the exposure meter indication by rotating the "One"-Ring, drivers are formed on the control disk (4) and on the diaphragm ring (5) which engage with the notch ring (3).

Fig. 2



speed-aperture-diagram

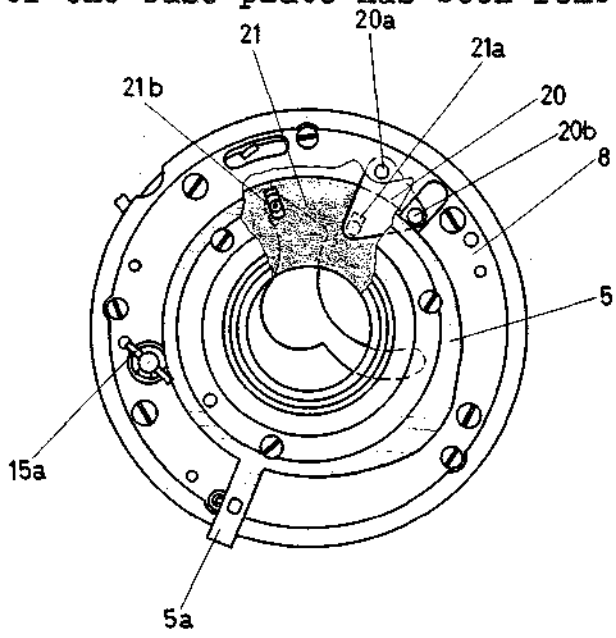
The diagram shows how speed and aperture are associated.

6b Diaphram System

The PRONTORMAT has a new system of diaphragm control (fig. 3 and 4). By this method the adjustment of the diaphragm ring (5) over the diaphragm lever (20) and the diaphragm disk (21) controls the setting of the blades (23).
The diaphragm lever, performs as an angle lever, the pivot bearing (20a) which is a stay-bolt riveted into the base plate (8), engages with a control-rivet in the control-slot (21a) of the diaphragm disk, while the eccentric rivet (20b), protruding trough a slot in the base plate, comes to rest on the diaphragm ring (5).

Fig. 3 shows the shutter as seen from the camera side. For better illustration part of the base plate has been removed.

Fig. 3



5 diaphragm ring 00555-7.1
5a driver stud
15a cocking spindle
20 diaphragm lever 00555-U760.1
20a pivot bearing
20b eccentric rivet
21 diaphragm disk 00555-8
21a control slot
21b inset slot for blades

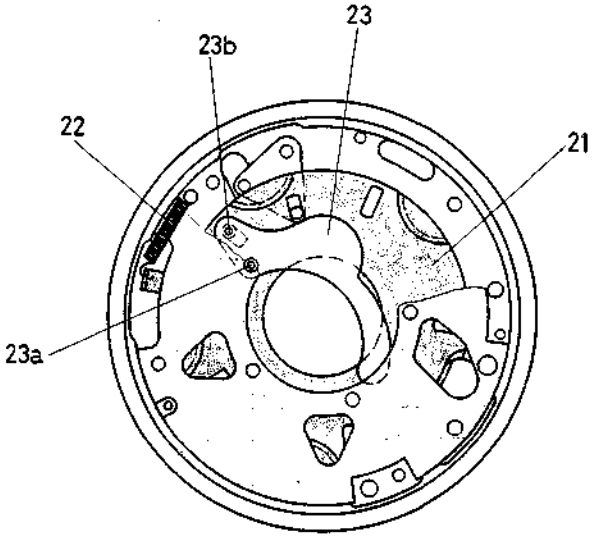
A tension spring (22) (fig.4) which is anchored to a spring-lug of the diaphragm disk, guarantees the shifting of the blades without any "play" as well as making positive contact with the eccentric rivet on the control-cam of the diaphragm ring. The object of the eccentric rivet is to adjust the diaphragm from the originating point ALFRED GAUTHIER GMBH to the nominal value of a certain point of the control system.

Reference

Should the diaphragm system be dismantled, it will be necessary that after the re-assembly and before the tension spring (22) is anchored, that a check be made to determine whether the diaphragm-disk and diaphragm lever can both be operated smoothly.

Fig. 4 shows the shutter after a part of the diaphragm cover disk has been removed.

Fig. 4

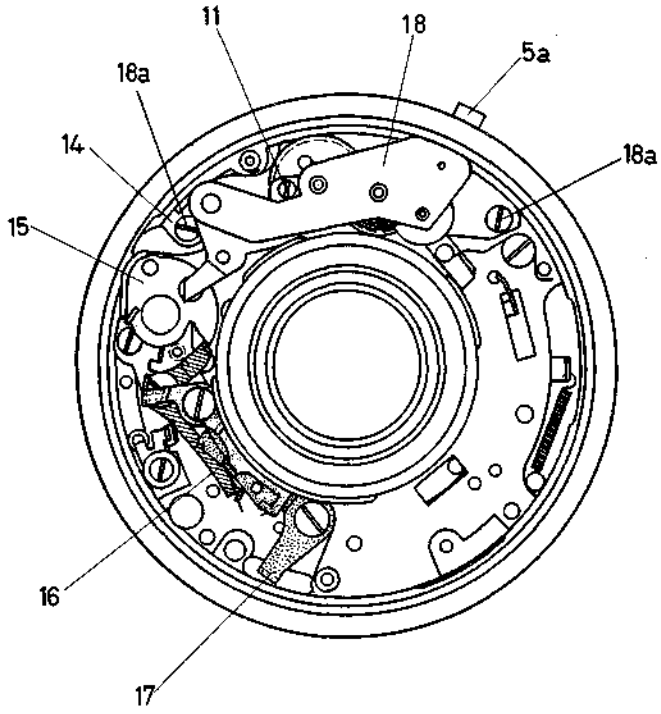


22 tension spring 00412-672
23 blade 00555-U5
23a bearing rivet (diaphragm control disk)
23b control rivet (diaphragm disk)

7b Flash Contact System

Fig. 5 shows the shutter mechanism after the control disk and the notch ring have been removed.

Fig. 5

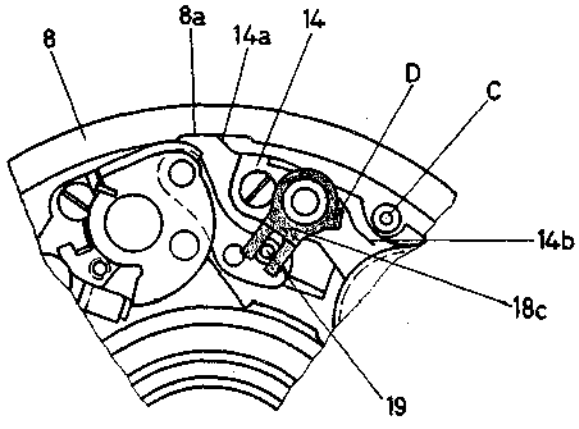


5a driver stud of the diaphragm ring 00555-7.1
14 contact plate 00555-173
15 cocking lever 00555-U96
16 stud of the speed lever 00555-119
17 trigger 00346-U85.1
18 slow speed assembly 00555-G20
18a fixing screws for contact plate and slow speed assembly 00499-135

After removing the two fixing screws (18a), the slow speed assembly (18) can be lifted off the shutter housing. The contact plate (14) held by the fixing screw, rests with a contact flap (14a, fig. 6) on the bright finished side of the housing (8a) in order to effect a small electrical contact (ground) resistance, during the time the

contact spring (14b) is being pressed against the contact pin (C) from the dog (D) of the contact lever (18c) during the shutter action.

Fig. 6



8a bright finish turning on housing 00555-U1
18c contact lever
19 drive latch rivet
D dog point of contact lever
C contact pin

Reference:

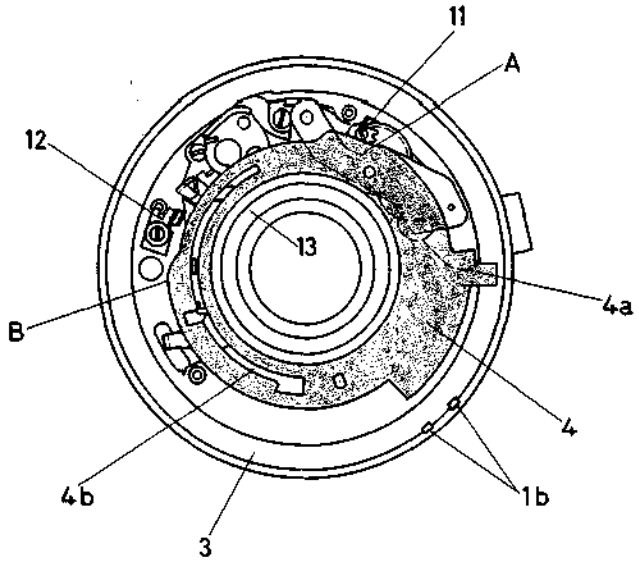
1. When installing the slow speed assembly (18) notice that the stud of the drive latch rivet (19) is encircled by the fork of the contact lever (18c).

2. Regarding the cocking - release - and shutter blade systems, we refer to the instructions for the operation of the PRONTOR-SVS SHUTTER.

8d Setting System for Shutter Speeds

The speed is set with the driver stud (4a) which is engaged with the notched ring (3), of the control disk (4) embedded on the socket of the base plate (13) and in connection with the eccentric rivet (11) of the slow speed assembly, the control cam (A) and the control slot (4b). The shutter speeds which are used in the "day-light" range go from 1/30 sec to 1/300 sec, while in the "flash range a constant speed of 1/30 sec is employed. (see fig. 2).

Fig. 7



1b inset slots for "Control-Ring".
3 notched ring 00555-772
4 control disk 00555-24
4a driver stud
4b control slot
A control cam for shutter speeds
B switch cam for exposure meter
11 eccentric rivet for slow-speed-assembly
12 short circuit switch (short circuit spring 1 00555-767)
(short circuit spring 2 00555-768)
13 base plate 00555-U15

References:

1. Contrary to the methods used in traditional shutters, the adjustment of the PRONTORMAT shutter speeds is not done by filing or chiseling the speed-control disk. The adjustment is done by turning the eccentric rivet (11). This requires a feeler gauge. This can be made according to the specifications as shown in fig. 8 or can be ordered from the manufacturer of the shutter. (ALFRED GAUTHIER GMBH or it's Representatives).
   The radius 19.1 mm of the feeler gauge corresponds to the position of the eccentric rivet on the control-disk at setting 1/250 sec. Only this speed has to be adjusted as the precise manufacture of the control disk and the slow speed assembly, which is specifically designed for the PRONTORMAT, guarentees the accuracy of the other speeds according to the control program shown in fig. 2.

2. Of special importance when gauging the shutter speed, is the setting of the diaphragm. With the "light-true" PRONTORMAT the speed is always tied to a certain aperture (see fig. 2) and the control-cam is accordingly set to same. The given speed is thus guaranteed effectively by the shape of the control cam. As a result, the shutter speed can only be gauged with a setting disk (1/250 sec) at an aperture setting of 11. For this the aperture has to be set on the aperture value 11 given in the flash range or to the standard value which can be gathered from table 8a.

   For simpler and greater accuracy, adjustment of the shutter speed can be made with the use of a special setting device, as used by the shutter manufacturer. The diaphragm ring and control disk are fixed exactly in positions (1/250 sec - aperture 11) so that the speed can be checked and corrected at once. This setting device can also be ordered from the shutter manufacturer or through it's distributors.

3. When the control disk is installed into the shutter housing attention must be paid not to bend the short circuit springs (12).

Fig. 8

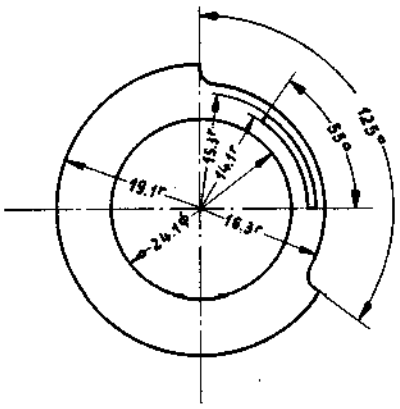


Table 8a

Focal Length	Standard Value
f = 4,5 cm	3,25 mm
f = 5 cm	3,6 mm

The "standard value" is the approx. dimension of the radius of the inner circle of the pentagon formed by the blades.

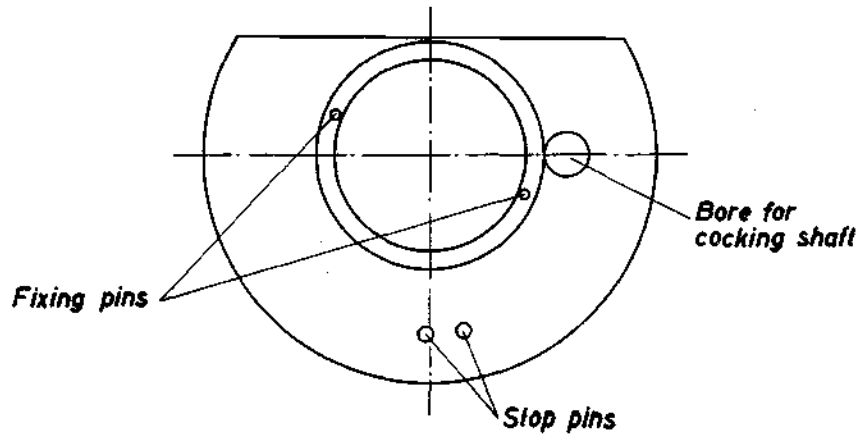
Supplement to Setting System for Shutter Speeds (Sheet 98-100)

The completely assembled shutter without automatic depth-of-field mechanism, as illustrated in Fig. 7, is placed on the setting gauge 4 CCF 1953. Any possible fixing screws will have to be removed previously, because the threaded holes will be used for centering.

For examining, the shutter is placed over the two fixing pins of the nozzle, so that the cocking shaft is located above the bore of the flange. The notched ring must be rotated until the lug (5a) of the diaphragm ring (see Fig. 3) is located between the stop pins. As the lugs of the diaphragm ring and control disc (4, Fig. 7) rest in the recesses of the notched ring, the diaphragm is thus set for aperture 11 and the shutter speed for 1/250 sec. If an examination reveals that the shutter speed of 1/250 sec. exceeds the permissible tolerance, the speed is adjusted by turning the eccentric rivet (11, Fig. 7).

Setting Gauge for Model 555

Stock No. 4 CCF 1953



10 Automatic Depth of Field

Preface

The PRONTORMAT shutter is equipped with an automatic depth of field indicator showing the depth of field range after the distance is set on the lens. Together with the front plate and the "Control-Ring" the parts of the depth-of-field automatic system form one unit. The positive coupling of "Control-Ring" and depth of field, automatically effecting the positions of the two depths-of-field indicators can always be changed depending upon the resulting apertures when rotating the "Control-Ring". The arrangement of the indicators permits simultaneous reading of (a) the range of the depth-of-field, and (b) the distance scale of the lens at a glance.

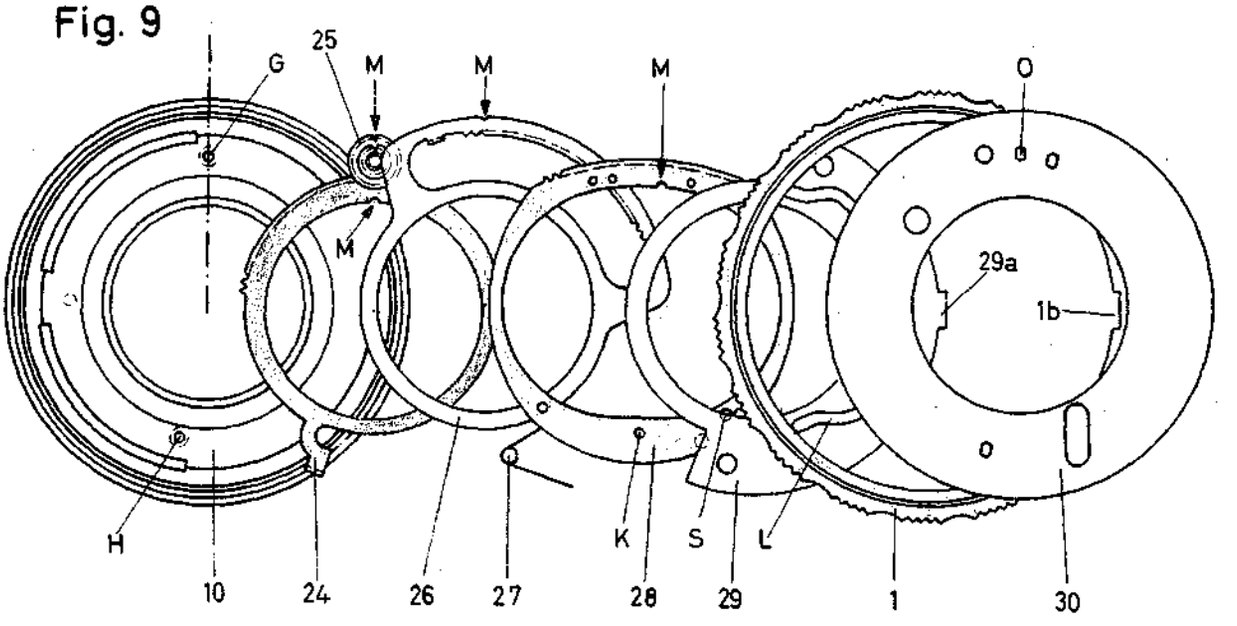
References:

The PRONTORMAT shutter readily can be purchased with or without the automatic depth-of-field system. The "depth-of-field automatic" unit front plate (fig.9) is replaceable when requested.

Structure

The depth-of-field automatic system is a closed unit, built into a housing similar to the front plate, and held together and enclosed by the base. Fig. 9 shows the component parts of the depth-of-field system in step-up process of assembly. All geared parts have a mark (M) which must coincide with the stroke-point-stroke line, leading from the center of the shutter trough bearing point (G). Pointer ring 1 (24) is placed on the front plate (10) and aligned, then, female pinion (25) is shifted over bearing bolt (G), and pointer ring 2 (26) and equalizing spring (27) is then placed around stay bolt (H), which serves as a bearing spindle for the bore (k) of the segment ring (28), over pin (S). The depth-of-field indicators are controlled by means of control cam (L) of the cam disk (29).

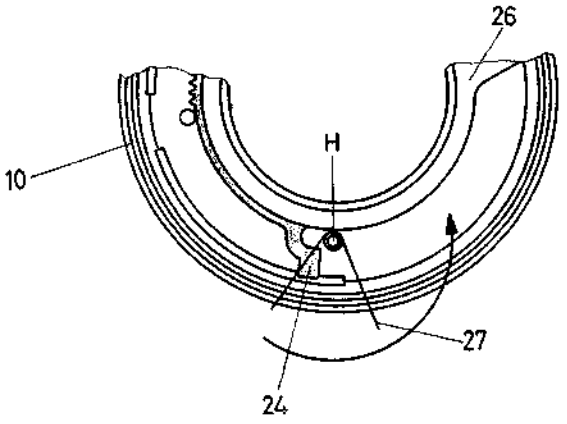
Fig. 9



10	front plate	00555-U143
24	pointer ring 1	00555- 790
25	female pinion	00555-U785
26	pointer ring 2	00555- 791
27	equalizing spring	00555- 783
28	segment ring	00555-U780
29	cam disk	00555- 775
1	setting ring (Control-Ring)	00555- 137
30	base	00555- 794.1

Fig. 10 shows the position after the equalizing spring (27) has been installed. Notice that the spring is moved in the direction of the arrow with a screw driver after the segment ring (28) and the cam disk (29) have been seated. Then the "Control-Ring" (1) is inserted and rotated until driver stud (29a) comes to rest in notch (1b). Finally the base (30) is mounted and rotated until the bearing bolt (G) comes to rest in bore (O). Now the base can be pressed on the socket of the front plate. Should the seat of the base be not tight enough, it can if desired, be narrowed by slightly stemming in the inner diameter.

Fig. 10



References:

1. The shutter is opened by unscrewing the front plate retaining ring, which (in the first phase of production) is secured by varnish. Shutters of later manufacture are fixed by an angular lever engaging the profile of the front plate retaining ring.

2. It should be pointed out that when it is necessary to remove the "Control-Ring" together with the depth-of-field automatic system, that the unit, which is held together by the base, remains together. For general practical purposes, the depth-of-field automatic system should not be dismantled.

Appendix to the Automatic Depth of Field

The shutter models PRONTORMAT 555bo (Aka), PRONTORMAT 555e (Franka), PRONTORMAT 555w (Balda) and PRONTOR-SLK X546w1 (Balda) differ in some details from the "Instructions for Repair Shops" given on sheets 101-103.

Fig. 9a

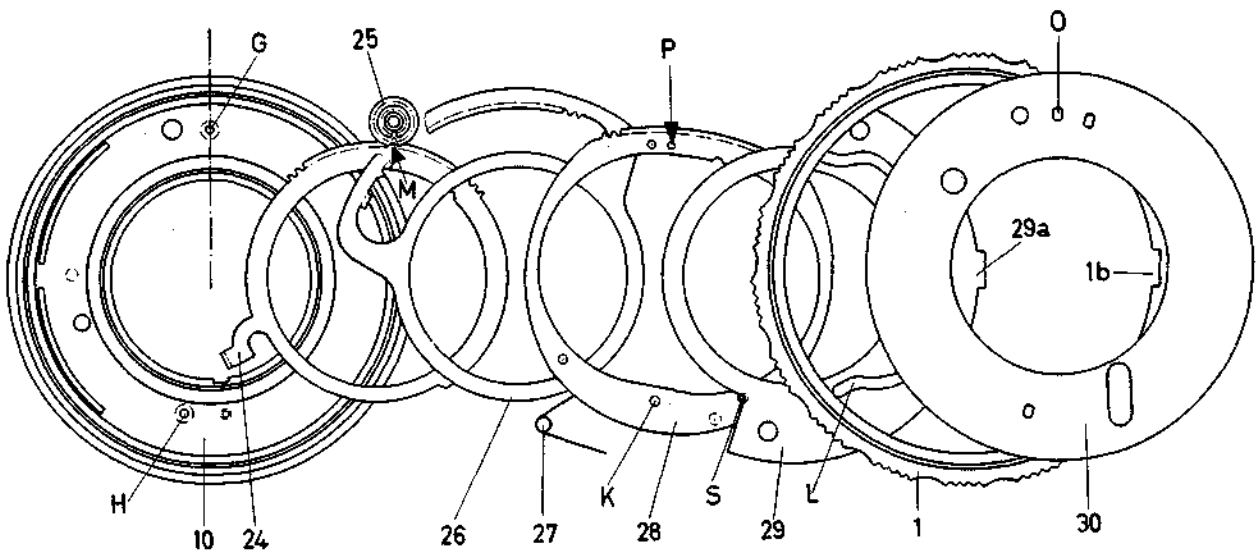


Figure 9a shows the assembly positions of the various components for the automatic depth of field system of the above-mentioned models. As shown, the positions of the pointer ring 1 (24), pointer ring 2 (26) and segment ring (28) differ from the respective positions shown in figure 9.

Assembly of the Automatic Depth of Field

The assembly of the automatic depth of field system can be most easily done by use of an assembly block. You may prepare this assembly block yourself by use of the enclosed factory drawing CCF 1491 or order it from us quoting this number.

1) Shutter Models 555bo, 555e, 555w, and X546w1

As shown in Fig. 9, the front plate (10) is placed on the assembly block and all other parts are assembled in the sequence shown in Fig. 9a. In doing so, please see to it that when installing the two pointer rings their pointers (painted red) are inserted into the milled recesses "A" of the assembly block. The segment ring is installed in such a way that the boring hole (K) is shifted over the pin (H) and alined so that the boring hole (P) is in line with the central line traversing rivet (G). All other parts are assembled in accordance with the assembly instructions given on sheets 101, 102 and 103.

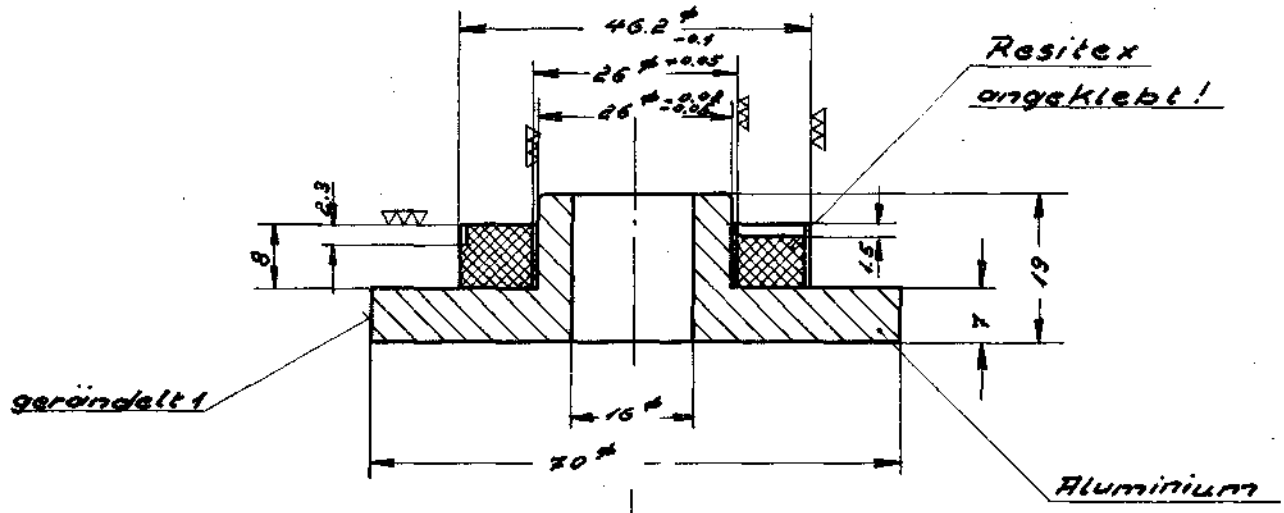
2) Shutter Models with Automatic Depth of Field in Accordance with Fig. 9

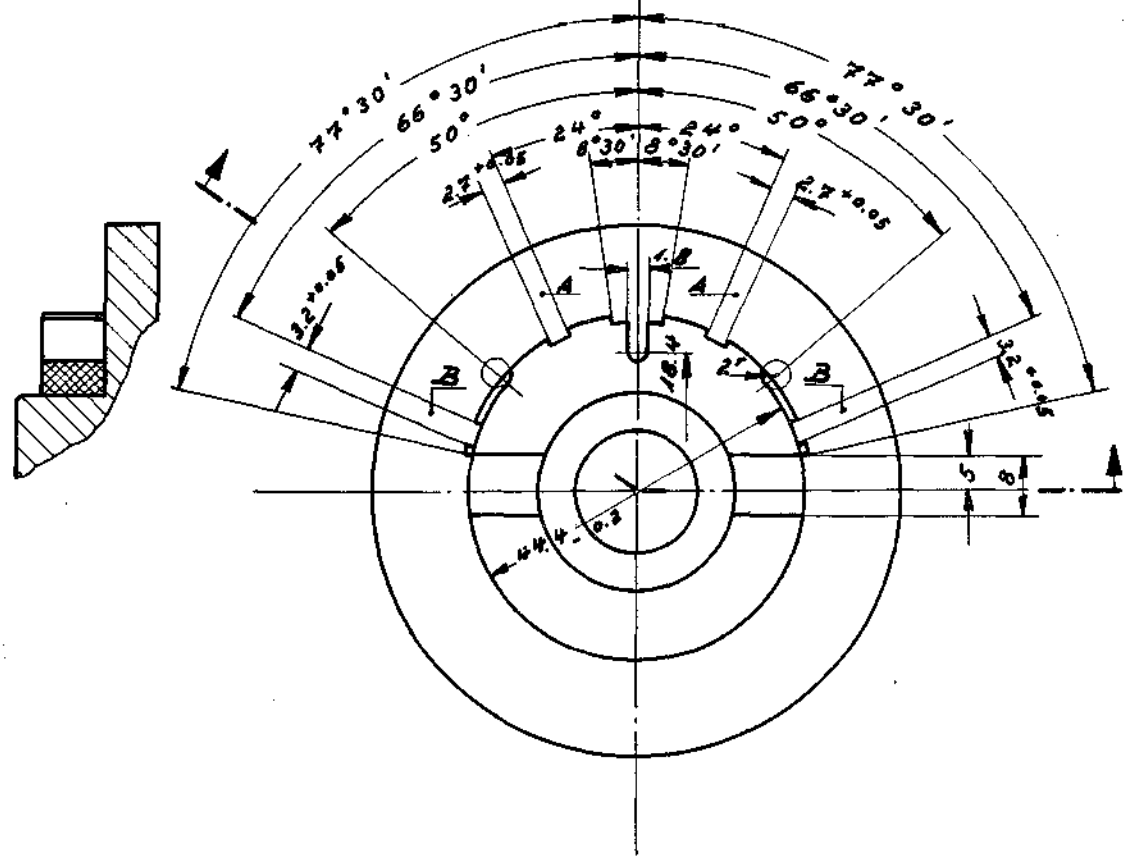
E.g.: The models PRONTORMAT 555bd (Dangelmaier), PRONTORMAT 555bf, 555bf1 (Adox), PRONTORMAT 555s (Montanus), PRONTORMAT 555t (Kodak). The automatic depth of field system for these models, described on sheets 101, 102 and 103, can also be assembled by use of the assembly block CCF 1491. In doing so, however, the pointers of the pointer rings have to be inserted into the milled recesses "B".

Important Notes for all Shutters with Automatic Depth of Field

a) After assembling, the "automatic depth of field system" should be held by the front plate and the base and checked by rotating the setting ring (1), whether the pointers run smoothly.
Then the front plate (10) and the setting ring (1) are rotated in such a way that the "distance setting" mark on the front plate and the "B" mark of the setting ring coincide.

b) The control disc (4, Fig. 1 and Fig. 7) should be rotated (clockwise) by means of the notched ring (3, Fig. 1) until it is stopped by the stop rivet (at the side of the trigger release slot). This rotation guarantees that after the insertion of the driver screws (1a, Fig. 1) into the slots of the notched ring shutter and automatic depth of field system are interlocked for proper functioning and secured by means of the front plate ring.





Werkstoff	Modell Nr.	Gezeichnet 25.3.59		Alfred Gauthier G.m.b.H. Calmbach a.d. Enz
	Lager Nr.	Geprüft		
Maßstab: 1:1	Montageblock u. Montagelehre			CCF 1491

5. Supplement

concerning the Gauthier shutters

I. PRONTO, VERO, VARIO
II. PRONTOR-SLK, PRONTO-LK, VARIO-LK
III. PRONTOR-SVS, PRONTOR-SLK, PRONTO-LK
with the fastest speed of 1/500 sec.

Contents:

Reference:

This 5th supplement concerns itself only with those shutters featuring "non-interchangeable" lenses; shutters with interchangeable lenses, however, will be described in the 6th supplement.

I PRONTO, VERO and VARIO Shutters

with "linearized" settings
of shutter speeds and diaphragm values.

Preface

After having re-designed the PRONTOR-SVS shutter for "linear" shutter speed setting and diaphragm values, the PRONTO, VERO and VARIO shutters have been modified in an attempt to adapt them to the same structure as that of the PRONTOR-SVS shutter. The adaptation to the PRONTOR-SVS allows them the use of the same basic components in the shutter mechanisms.
The following operation factors in their fields of application show the differences in the features of these shutters:

A. PRONTO
speeds B 1/30 1/60 1/125 1/250 sec.
delayed action device, X-synchronization

B. VERO
the same as in item A, but without the delayed action device

C. VARIO
speeds B 1/25 1/50 1/200 sec.
X-synchronization

References:

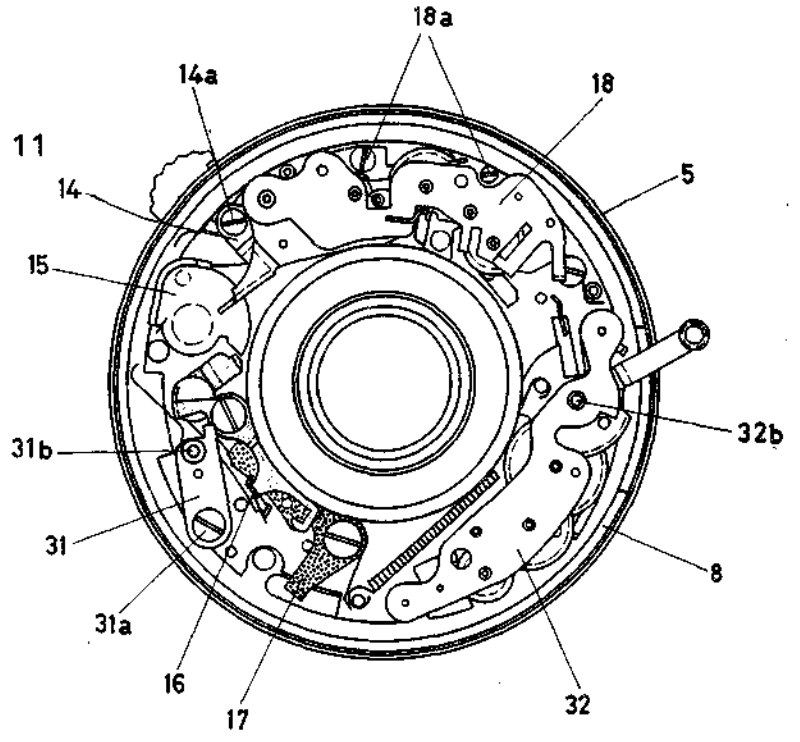
a) In order to simplify description we will only list "PRONTO" in the text, but all the explanations written will also apply to the VARIO and VERO shutter because of their basically similar structure to the PRONTO.

b) In case that a specific type of shutter is not described here, the explanation as given in Folder No. 1 regarding this system should then be taken into consideration and study.

Structure of Shutter

Figure 11 shows the shutter mechanism of a PRONTO shutter in cocked position with the speed setting ring removed.

Fig. 11



5 Diaphragm index ring 377-U7
8 Shutter housing (case) 377-U1
14 Contact lever 475-111
14a Contact lever screw 257-113
15 Cocking lever 480-496.1
16 Control projection of the speed lever 375-119.1
17 Trigger release 346-U85.1
18 Slow speed assembly 480-G20
18a Fixing screws for slow speed assembly; 280-136 long
280-138 short
31 Notched lever 470-U543
31a Notched lever screw 475-387
31b Notched rivet
32 Delayed action device
32b Locating pin

3b Slow Speed Assembly

A) The slow speed assembly of the PRONTOR-SVS is also used in the PRONTO shutter, but without the large anchor. The cooperation of the slow speed assembly and the speed setting ring requires the coordinated setting of both. Should the slow speed assembly or the speed setting ring need replacing, the speeds must then be re-adjusted on the speed control steps of the speed setting ring.
In connection with the above mentioned slow speed assembly a new setting ring (see setting system for shutter speeds) is also required.
Fig. 12 shows the slow speed assembly 480-G20 installed in the shutter; and with shutter in cocked position.

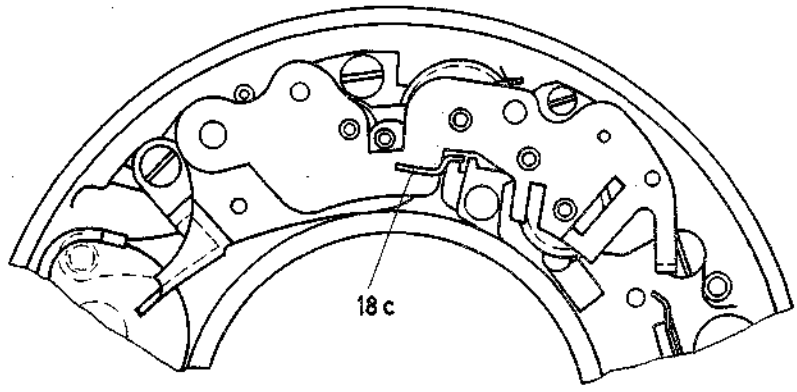


Fig. 12

18c Anchor Lever

B) The slow speed assembly 555-G20 (see sheet 96, fig. 5, item 18), is pre-mounted in some models. The gear holding plate is slightly changed in shape as compared to the aforementioned figure, but this difference does not affect the interchangeability with the same part of previous design. However, the slow speed assemblies 480-G20 und 555-G20 cannot be interchanged with one another.

References:

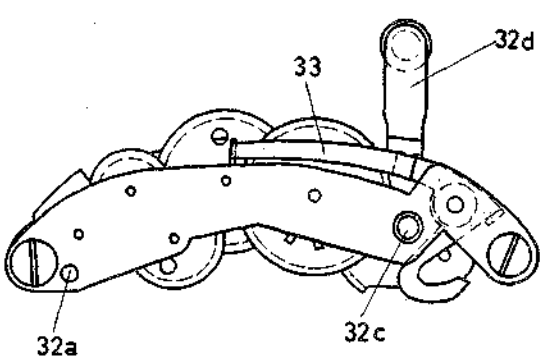
a) Before mounting or dismantling the slow speed assembly the shutter must be in cocked position.
b) The explanations "7b Flash Contact System" (sheet 96) regarding the slow speed assembly 555-G20 should be studied.

4d Delayed Action Device System

The new PRONTO shutter has a delayed action device which with its essential features, resembles somewhat the delayed action device of the PRONTOR-SV shutter. This similarity is noted in the manner in which the delayed action assembly is installed in the shutter, as well as in the well proven method of release of the delayed action device by means of the bar lever.
While the old PRONTO delayed action assembly was designed for pivotal movement, the new one is mounted rigidly in the housing. It is held in position by the peg (32b) (see Fig. 11) which is arranged on the base plate and serves also as locating pin, and a rivet (32a) which protrudes from the underside of the lower side plate of the delayed action device and which engages a bore in the base plate. The device is held in operating position in the traditional manner by the delayed action device spring. If the latter is unhooked, the device can be taken out of the housing after first following the instructions as given on page 20, items 2, 2a and 2b of folder I. The task and function of the bar lever can be understood from the references on pages 20-27 of folder 1, which must also be consulted when performing repair work.

View on the lower side of the delayed action device 377-G49

Fig. 13

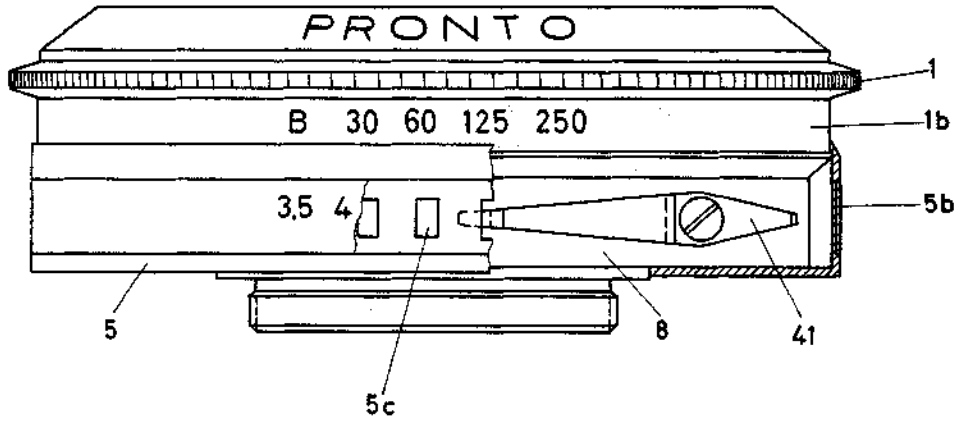


32a Locating rivet of the delayed action device
32c Bore for locating pin of the base plate
33 Bar lever
32d Segment wheel (Cocking lever)

6c Diaphragm System

Various models of the PRONTO shutter are equipped with a notched device giving a "click" effect for the setting of the diaphragm aperture. This device consists of a notched spring (41) arranged on the cylinder jacket of the shutter housing, and which comes to a rest in the notched slots (5c) provided in the inside of the diaphragm index ring.
In Fig. 14 the diaphragm index ring is illustrated partly broken off in order to show the notches more clearly.

Fig. 14



1 Speed setting ring
1b Speed scale band
5 Diaphragm index ring
5b Diaphragm band
5c Notch slot
8 Shutter housing
41 Notched spring

Reference:

Further details regarding the linear diaphragm system can be found on page 77 of folder 1.

8e Setting System for Shutter Speeds

As compared with its former design, the new PRONTO speed setting ring is additionally equipped with a control cam (4d) for the anchor lever (18c) and with a notched slot (4c). The notched lever, which is supported by a stud of the work plate, comes to a rest in the notched slot by means of the notched rivet (31b).
Every notch in which the notched rivet comes to rest corresponds to a speed setting.

Fig. 15 shows the speed setting ring set for 1/30 sec., with the small anchor engaged; the shutter in cocked position.

If the slow speed assembly type 555-G20 is mounted in some models, the setting ring shown in Fig. 15a is required.

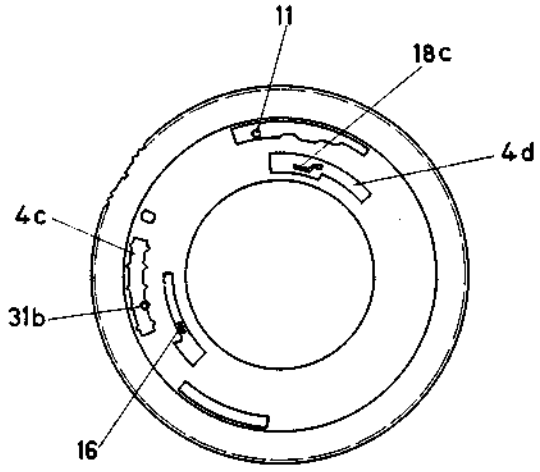


Fig. 15

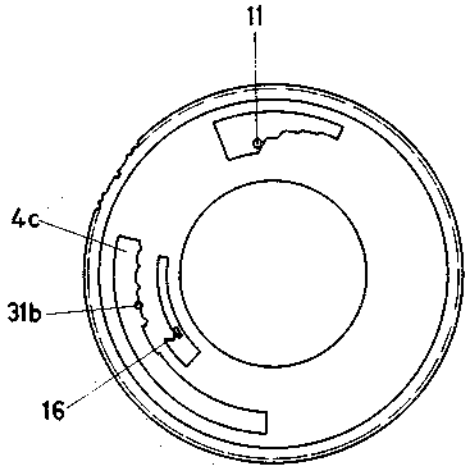


Fig. 15a

11 Stop lever rivet
16 Control projection of speed lever
18c Anchor lever

II PRONTOR-SLK, PRONTO-LK and VARIO-LK

Shutters with Exposure Control Mechanism

Preface

Although the PRONTOR-SLK, PRONTO-LK and VARIO-LK shutters will invariably operate in accordance with the identical principle regarding the coupling of the shutter speed, f/stop and exposure meter readings will differ somewhat in their operation, as follows:

A) PRONTOR-SLK
Speeds B 1 1/2 1/4 1/8 1/15 1/30 1/60 1/125 1/300 sec.
Delayed action device, M-X synchronization

B) PRONTO-LK
Speeds B 1/15 1/30 1/60 1/125 1/250 sec.
Delayed action device, X synchronization

C) VARIO-LK
Speeds B 1/30 1/60 1/125 1/250 sec.
X synchronization

During the course of manufacture and production, the shutters have been brought into the market equipped as follows:

1) Setting rings coupled for shutter speed and f/stop ("light value coupling")
2) without "light value coupling"
3) with setting of film sensitivity and without "light value coupling"

References:

a) PRONTOR-SLK
The shutter mechanism of the PRONTOR-SLK corresponds in all details of design with the "PRONTOR-SVS" with its "linearized" setting of speeds and aperture numbers (described in folder 1). The exposure control mechanism explained on sheets 113-117 was included as an added feature.

b) PRONTO-LK

The explanations contained in part "I" of this supplement are generally applicable to the shutter mechanism of the PRONTO shutter. There is only one difference: viz. unlike in the PRONTO shutter the small anchor of the slow speed assembly of the PRONTO-LK shutter does not only engage with the speed setting of 1/30 sec. but also with the speed setting of 1/15 sec.

PRONTO-LK shutters not equipped with settings for film speeds are provided with a sleeve for the cocking lever (segment wheel) of the delayed action device, which has to be removed before removing the speed setting ring. During the earlier period of production this sleeve was fastened with a rivet; later, it was fitted with a knurled screw and nut.

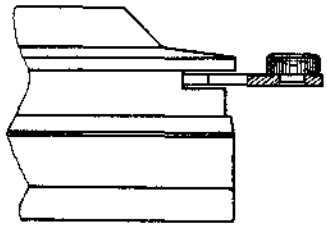


Fig. 16a

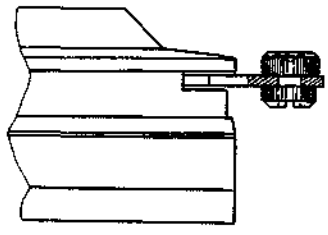


Fig. 16b

The above figures show the designs with the sleeve rivet (fig. 16a) and with the knurled screw and nut (fig. 16b).

c) VARIO-LK

Notice that the structure of the shutter mechanism of the VARIO-LK shutter is identical to that of the VERO shutter equipped with "linear" settings.

10 Exposure Control Mechanism

a) Principle of the Exposure Control

The exposure control consists primarily of two control rings (34 and 35) for shutter speeds and aperture numbers and a coupling of these two with the built-in exposure meter of the camera. One of these two control rings is connected with the speed setting ring and one with the aperture setting ring of the shutter in a way which will be explained later. The speed setting ring (35) is carried on the cylindrical jacket of the shutter housing in such a way that each rotation effects a

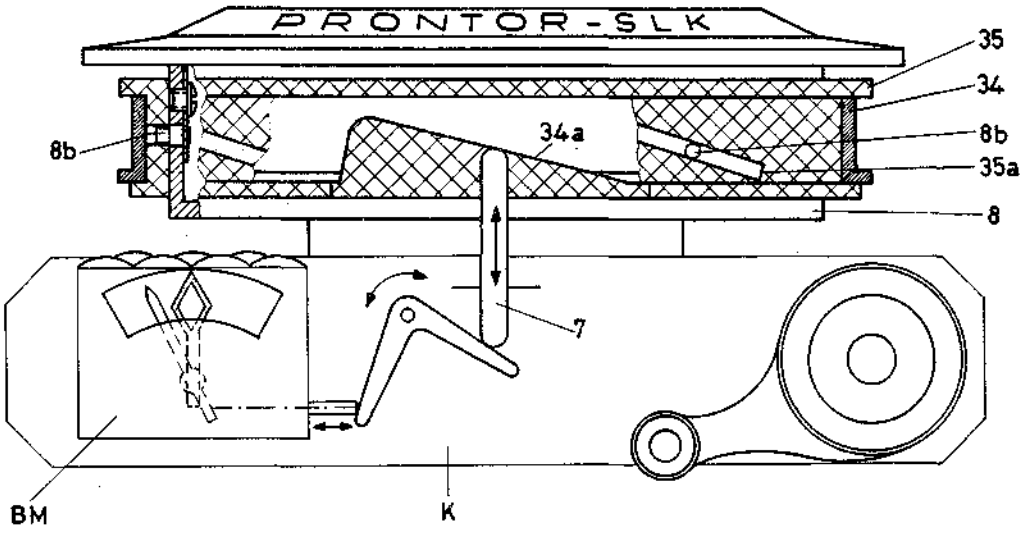


Fig. 17

Figure 17 shows an illustration of the principle of the exposure control.

7	exposure meter tracing pin	34a	control cam
8	shutter housing	35	speed setting ring
8b	guiding pin	35a	guiding slot
34	diaphragm ring	K	body of camera

spiral motion. At the same time the diaphragm setting ring (34) carried in the U-guide of the speed setting ring is rotated, too. The latter being provided with a control cam (34a) which cooperates with the exposure meter tracing pin (7) and which transfers every operation of the speed and diaphragm setting rings onto the exposure meter.

Important Note

The control cam (34a) of the diaphragm setting ring and the guide of the speed setting ring are provided with such an inclination that the simultaneous rotation of the speed setting ring and the diaphragm setting ring has no affect on the exposure meter. If one of the two rings is rotated separately by one speed or diaphragm interval (8^{o}) the tracing pin resting on the control cam is raised 0.35 mm (Fig.18)
Shutters equipped with film speeds settings are designed to raise the tracing pin 0.25 mm per exposure interval.

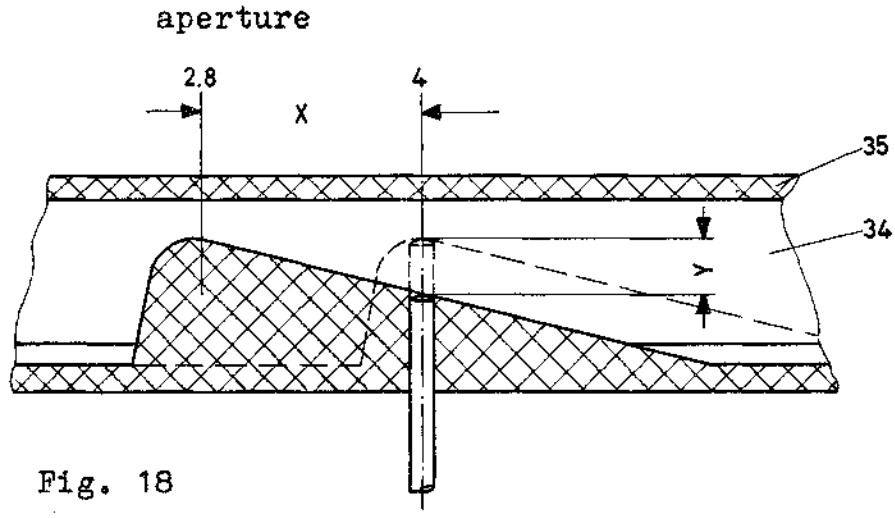


Fig. 18

X = rotation of the diaphragm ring for one exposure interval "8^{o}"
Y = raising of tracing pin by 0.35 mm or 0.25 mm respectively.

b) Structure and Method of Operation of the Exposure Control Mechanism

1) To convey the reading of the exposure meter to the shutter setting controls, the speed setting ring (1) and the diaphragm setting ring (diaphragm index ring) (5) are coupled together to rotate with the control rings (34 or 35).

Between the diaphragm setting ring and the diaphragm ring, and between the speed setting ring and the speed ring, there are form-locking connections provided for by the guiding flutes (1a, 5a).

Fig. 19 shows a part-sectional view of the shutter. All connections for rotating parts are turned to the sectionplane. The figures below show the shutter housing together with the speed and diaphragm rings.

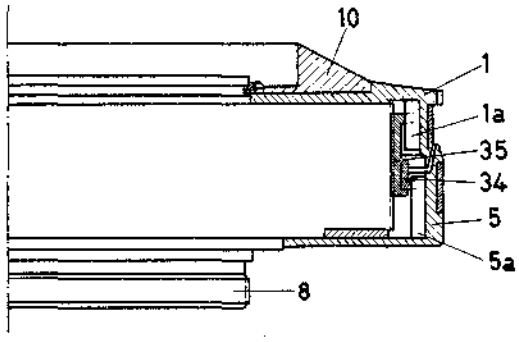


Fig. 19

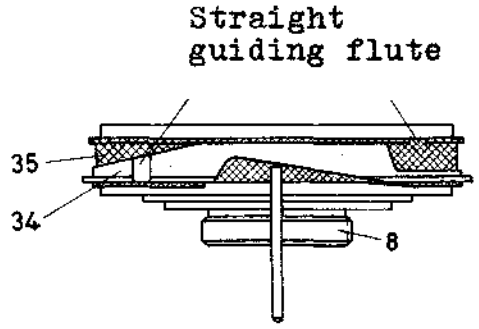


Fig. 20

1 speed setting ring 520-U137.1
1a straight guiding flute
5 diaphragm index ring 520-U7.1
5a straight guiding flute
8 shutter housing (case) 520-U1
10 front plate 520-U 143
34 diaphragm ring 522-700
35 speed ring 522-705

2) In shutters with shutter speed f/stop coupling, the speed and diaphragm setting rings are connected by a spring notch coupling having the same principle as used in the PRONTOR-SVS shutter (see sheet No. 87 of Folder 1).
The shutter can only be set, depending upon the exposure meter, if the notch spring coupling has been disengaged. With the coupling engaged, the shutter can only be set for a different speed-exposure combination by rotating in the respective direction.

3) Fig. 21 shows the model provided with a setting of the film speed. The film speed ring (2) is provided with a tappet (2a) designed as a straight guide, which is connected with the shutter speed scale ring in a form-locking manner. The film speed and shutter speed setting rings are connected by a notch spring coupling, which must be disengaged when setting the film speed.

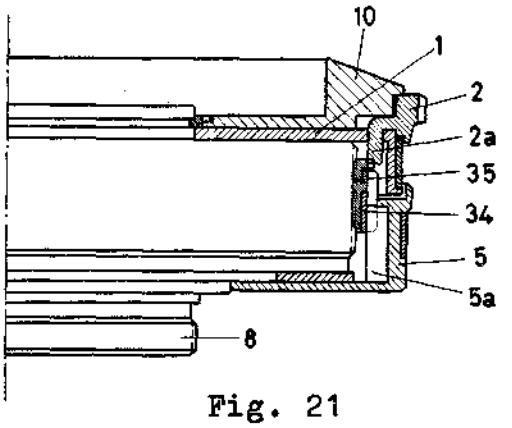


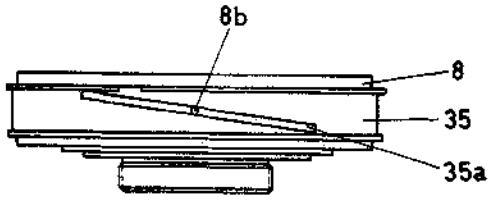
Fig. 21

1 speed setting ring
2 ring for setting the film speed
2a slightly bent guide
5 diaphragm index ring
5a straight guide
10 front plate
34 diaphragm segment
35 speed scale ring

Reference:

a) During the earlier stages of production the spiral movement of the speed ring was caused by a pin-slot guide (Fig. 22). The pins of the pin-slot guide are fastened to the inside of the shutter housing with screws and can only be removed after the base plate has been removed from the shutter. Later, this guide was superseded by a multiple thread.

Fig. 22



8 shutter housing (case)
8b guide pin
35 speed ring
35a guide slot

b) In general, the shutter housing and the speed ring should not be disassembled. However, if the speed ring has to be removed from the shutter housing, both parts must be marked to enable them to be reassembled in exactly the same position. Marking can be done similarly to the way used when a front-lens mount is mounted into a shutter or removed from it.

c) During the earlier stages of production the diaphragm ring was slotted and inserted in the speed ring. In later production, after the dimensions of the speed ring had been changed, it was manufactured as a closed ring.
The two models of the diaphragm ring can only be replaced in conjunction with the speed ring.
Shutters provided with film speed settings are equipped with a diaphragm segment instead of the diaphragm ring.

d) For greater ease of handling the diaphragm setting rings of all designs are provided with two anti-slip sleeves of plastic material. To replace the diaphragm band which is screwed to the diaphragm setting ring, it is necessary only to remove the plastic sleeve. In so doing, it must not be forgotten that in cases of shutters provided with the film speed settings, the sleeves are screwed on from the inside of the diaphragm setting ring, whereas in the case of shutters that do not allow the setting of the film speed, the plastic material sleeve is firmly connected with the part on which it is mounted by its shape and glued. In the case of the latter type of shutter it is therefore recommended to obtain spare sleeves prior to dismantling, since the sleeves cannot be removed without being damaged.

III PRONTOR-SVS, PRONTOR-SLK, PRONTO-LK

with the fastest shutter speed of 1/500 sec.

Preface

The alteration of the shutters PRONTOR-SVS, PRONTOR-SLK with 1/300 sec. and PRONTO-LK with 1/250 sec. to 1/500 sec. as the top speed entailed some changes in the shutter mechanism.

References:

a) Shutter models which have been previously manufactured with a top speed of 1/300 sec. or 1/250 sec. (PRONTO-LK) and then re-designed for the faster shutter speed of 1/500 sec. have as an identifying mark a letter before the model number. In the 1/500 sec. design, for example, there is an "X" (for instance X546).

b) Spare parts which have an "X" in front of the part number cannot be replaced by the similar parts which do not have the "X" marking.

c) Slow speed assembly and setting systems for shutter speeds for the PRONTO-LK shutter are described on sheets 127-128.

IMPORTANT: Please Note

a) Shutter models "X499" and "X549" vary in some features from the type described on the following sheets.

b) Various shutter models have shutter blades with varying thicknesses.
In order to guarantee a correct functioning of the shutter it is necessary to bear in mind the remarks regarding thicknesses and arrangement of shutter blades as mentioned in the spare parts lists.

3c Slow Speed Assembly PRONTOR-SVS, PRONTOR-SLK

a) Slow Speed Assembly X546-G20

Using as a basis the slow speed assembly of the PRONTOR-SVS, a shutter designed for a top speed of 1/300 sec., the slow speed assembly for the shutter equipped with a top speed of 1/500 sec. has been re-designed by adding an engagement control lever. In the course of the running down of the shutter, the two anchors (A & B), are engaged alternately (see control programme under speed setting system, sheet 125). In addition, there is the possibility of reducing the retarding action by disengaging the engagement control lever. This engagement control lever is actuated by a swivel lever mounted on the slow speed assembly (37) (Fig. 25).

Fig. 23a shows a view of the slow speed assembly X546-G20 from above, while Fig. 23b shows a sectional view of the slow speed assembly from below.

Fig. 23a

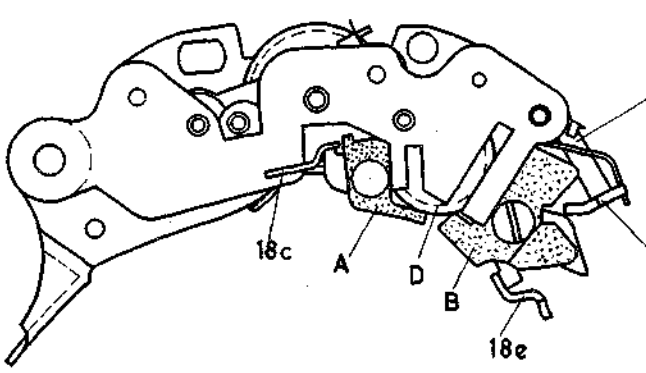
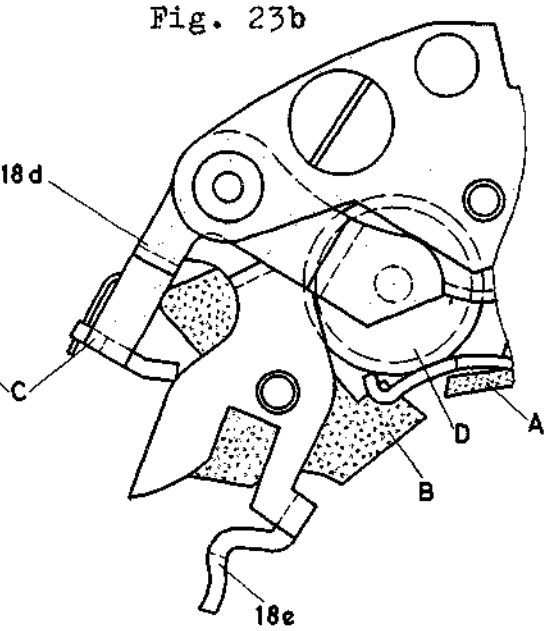


Fig. 23b



A small anchor
B large anchor
C projection
D anchor wheel
18c anchor to A.
18e anchor to B.
18d engagement control lever

References:

1) A new setting ring has been fitted to the new re-designed slow speed assembly. Under "setting system for Shutter Speeds" the setting ring and the application of the engagement control lever and anchor at the various shutter speeds are explained.

2) During the course of production, the shape of the upper side plate has been modified. However, this does not in anyway affect the assembly during its cycle of operation.

b) Slow Speed Assembly X496-G20

By reasons of manufacturing procedures the slow speed assembly as used in the PRONTOR-SVS and PRONTOR-SLK shutters with a top speed of 1/500 sec. (shown in Fig. 23a and 23b) have been superseded by slow speed assembly X496-G20.
On sheet 126 the speed setting ring synchronized with the slow speed assembly X496-G20 is illustrated. This illustration also shows the application of the anchor at the various exposure speeds.
The slow speed assembly X496-G20 is similar to the slow speed assembly X547-G20 (see sheet 127); however, it differs from the latter in respect to the design of the anchor and the anchor lever.
Figures 24a and 24b show these differences.

Slow Speed Assembly X547-G20

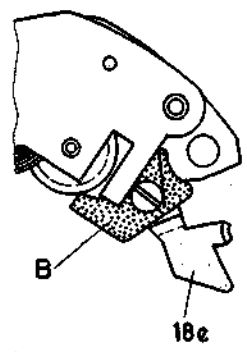


Fig. 24a

Slow Speed Assembly X496-G20

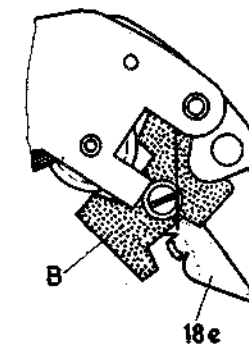


Fig. 24b

Reference:

The contact lever (Fig. 6, item 18c) described on pages 96-97 (flash contact system) is used for the X-flash contact of the new slow speed assembly.

The shape of the M-flash contact lever has also been changed. Further details and the part name (part no.) are shown in the spare parts list.

The slow speed assembly X496-G20 cannot be exchanged for a previous or different model.

4e Delayed Action Device System

The basic structure of this delayed action device has not been changed. The novel feature is that the upper wheel plate serves as bearings for the notch lever (38) and the swivel lever (37).

The fixing screw (36a) in the delayed action device serves as a bearing axis for the swivel lever. One arm of the twin-arm lever engages the control slot (4e) of the speed setting ring, whereas the other arm comes to rest on the projection (C) of the engagement control lever (18d) depending on the position of the speed setting ring (see "setting system for shutter speeds"). The engagement control lever is engaged or disengaged by this twin-arm lever. The notch lever (38) is fixed by means of a screw (36b); it rests on the upper wheel plate of the delayed action device (36) and by means of the head rivet (K) it comes to rest in the notch slot (4c) of the speed setting ring.

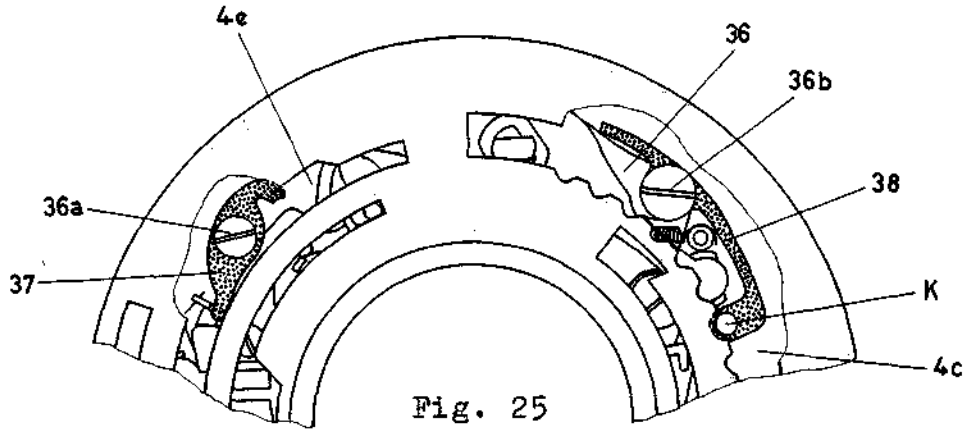


Fig. 25

36a Fixing screw for delayed action device
36b Fixing screw for delayed action device
37 Swivel lever
38 Notch lever
K Head rivet

References:

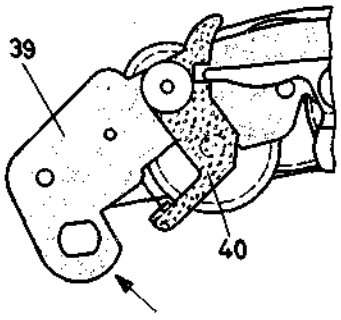
1) For manufacturing reasons the lower wheel plate and the synchro switch bridge have been re-shaped. This applies to both 1/300 sec. and 1/500 sec. models of the delayed action devices of the PRONTOR-SVS and PRONTOR-SLK shutters.

   Delayed action device 375-G49 is no longer being manufactured and is superseded by exchangeable model 475-G49, which now becomes the standard model delayed action device for the PRONTOR shutters equipped with 1/500 sec.

   The figures below are intended as a comparison of the two slow speed assemblies. They are views from below the lower wheel plates. The altered positions of the two slow speed assemblies are marked by arrows.

Fig. 26a

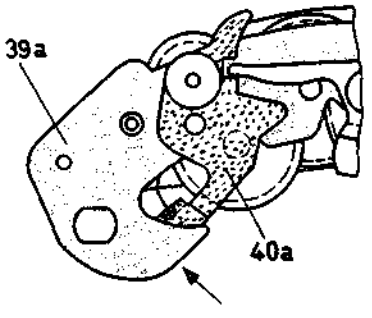
Slow speed assembly 375-G49



39 lower wheel plate
40 synchro switch bridge

Fig. 26b

Slow speed assembly 475-G49



39a lower wheel plate
40a synchro switch bridge (new design)

Further details are contained in Folder 1, sheet 41-51 and 62-70.

2) When mounting the speed setting ring, the head rivet of the notch lever must be inserted into the notch slot of the setting ring (Fig. 27).

Figure 27 shows the notch lever and a section of the speed setting ring. It can be seen from the figure that the head rivet must be moved in direction A when assembling or dismantling the speed setting ring.

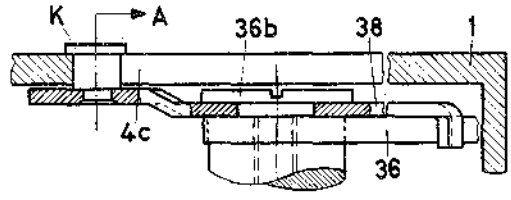


Fig. 27

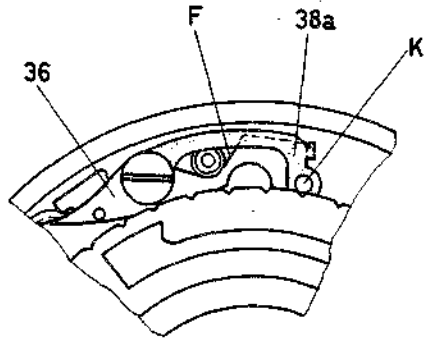


Fig. 28

1 Speed setting ring
4c Notch slot
36 Upper side wheel plate (DAD)
36b Screw of delayed action device (DAD)
38 Notch lever
38a Notch lever (new design)
K Head rivet
F Notch lever spring

3) In connection with the slow speed assembly X496-G20, and the new speed setting ring, a re-designed speed notch lever (38a) was installed.

Fig. 28 shows a section of a shutter with the new speed notch lever.

8f Setting System for Shutter Speeds

a) It was noted in the "Slow Speed Assembly System" section that the two anchors and the engagement control lever come into rest optionally. This function control is affected by the control steps of the setting ring. The attachment of the single delays to the various exposure speeds can be understood from the chart below:

Speed sec.	Wheels slow speed ass.	Engagement control lever	Small anchor	Large anchor
1/500	without	without	without	without
1/250	with	without	without	without
1/125	with	without	without	without
1/60	with	with	without	without
1/30	with	with	without	without
1/15	with	with	with	without
1/8	with	with	with	without
1/4	with	with	without	with
1/2	with	with	without	with
1	with	with	without	with

Chart 1

Fig. 29a shows a part view of the setting ring at setting 1/8 sec. while fig. 29b demonstrates its position at setting 1/500 sec.

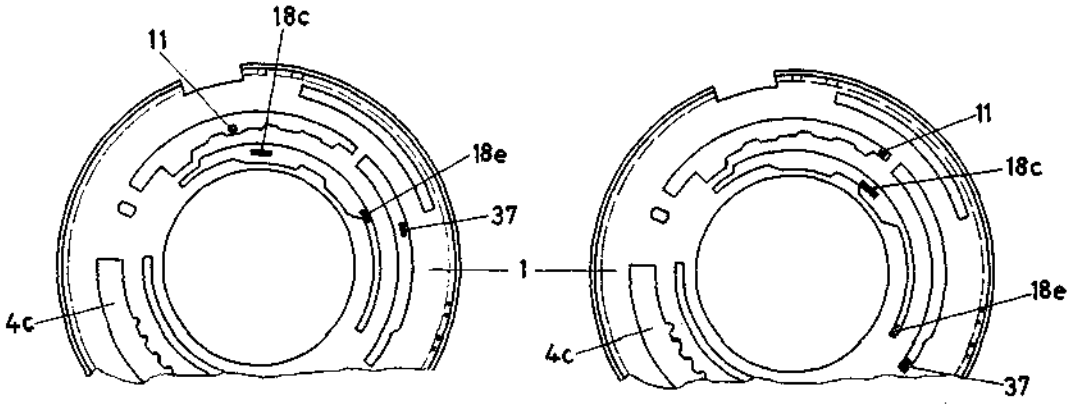


Fig. 29a Fig. 29b

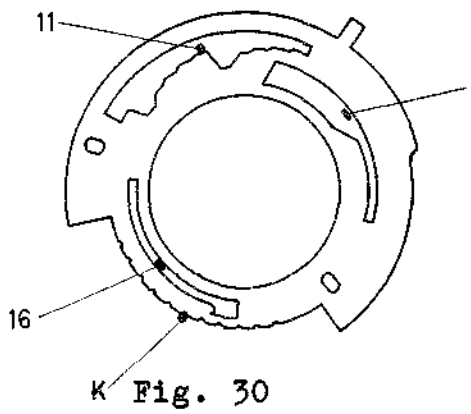
1	Setting ring	18c	Small anchor lever
4c	Notch slot	18e	Large anchor lever
11	Stop lever rivet	37	Engagement control lever

b) The control plate (Fig. 30) synchronized with the slow speed assembly X496-G20 is shown at setting 1/15 sec.

Chart 2 shows at what speeds the anchor is engaged.

Speed sec.	Gear operated slow speed assy.	Anchor
1/500	without	without
1/250	with	without
1/125	with	without
1/60	with	without
1/30	with	without
1/15	with	with
1/8	with	with
1/4	with	with
1/2	with	with
1	with	with

Chart 2



11	Stop lever rivet
16	Speed lever
18c	Anchor
K	Head rivet

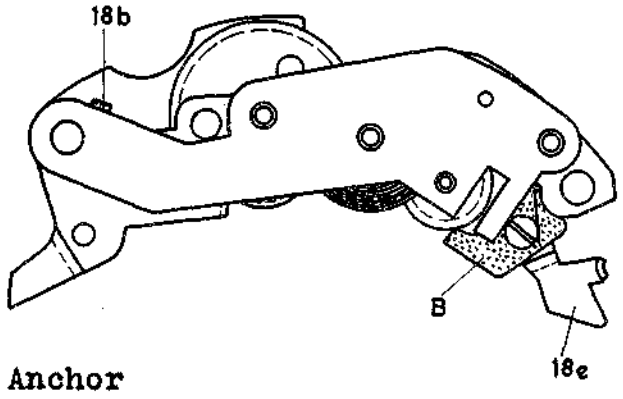
Fig. 30

3d Slow Speed Assembly System PRONTO-LK

The PRONTO-LK shutter is provided with a slow speed assembly which is derived from adding an anchor to the slow speed assembly 555-G20. This Slow speed assembly has been assigned part No. X547-G20.

Fig. 31 shows the slow speed assembly X547-G20, whereas fig. 32 represents the speed setting ring in cooperation with the former.

Fig. 31



B Anchor
18b Control cams of the contact lever
18e Anchor lever

Reference:

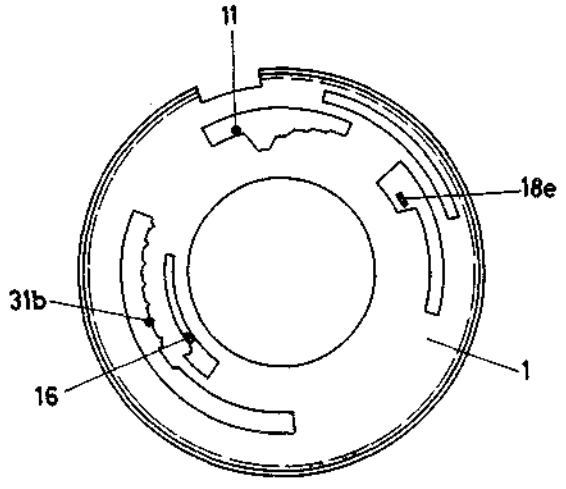
The contact lever mounted in slow speed assembly X547-G20 is described on sheets 96-97 (flash contact system). The explanations contained in these sheets are also applicable to the PRONTO-LK shutter with top speed of 1/500 sec.

8g Setting System for Shutter Speeds PRONTO-LK

The PRONTO-LK with 1/500 sec. is equipped with a speed setting ring which, with a setting of 1/15 sec. allows the anchor to become engaged. All remaining shutter speeds are attained solely with the retarding action of the gears of the slow speed assembly.

Fig. 32 shows the speed setting ring set for 1/15 sec.

Fig. 32



1 Speed setting ring
11 Stop lever rivet
16 Projection of the speed lever
18e Anchor lever
31b Notch rivet

6th Supplement

relating to GAUTHIER photographic shutters

for

interchangeable lenses

I PRONTOR - SVS
II PRONTOR - SLK

Contents:

General Introductory Remarks

a) GAUTHIER shutters for interchangeable lenses are shutters designed to accept interchangeable lenses fitted in front of the shutter blades. A special feature of this type of shutters is that when the lenses are interchanged the aperture (f/stop) setting on the shutter is in each case transferred to the newly fitted interchangeable lens.

b) Another innovation of considerable advantage is the M-X lock. Inadvertent shifting of the M-X-V lever in operating the camera is thus impossible.

c) To guarantee an absolutely light-tight closure when the lenses are interchanged, GAUTHIER photographic shutters for interchangeable lenses are provided with light-sealing shutter blades as an additional safeguard. The operation of the light-sealing shutter blades is positively controlled by the cycle of the shutter mechanism.

Note

a) Shutters for reflex cameras are dealt with in the 7th supplement of our "Instructions for Repair Shops".

b) PRONTOR-SVS and PRONTOR-SLK shutters for interchangeable lenses are also manufactured with a top speed of 1/500 sec. The instructions contained in the 5th supplement, used in their proper meaning, apply to these shutters (sheets 118 - 128).

I PRONTOR-SVS Shutter for Interchangeable Lenses

Introductory Remarks

The design of the PRONTOR-SVS shutter for interchangeable lenses is similar to that of the PRONTOR-SVS shutter with exposure value scale.

For that reason the repairman in doing repair work on a PRONTOR-SVS shutter for interchangeable lenses may follow the instructions on sheets 55 to 90 of manual 1.

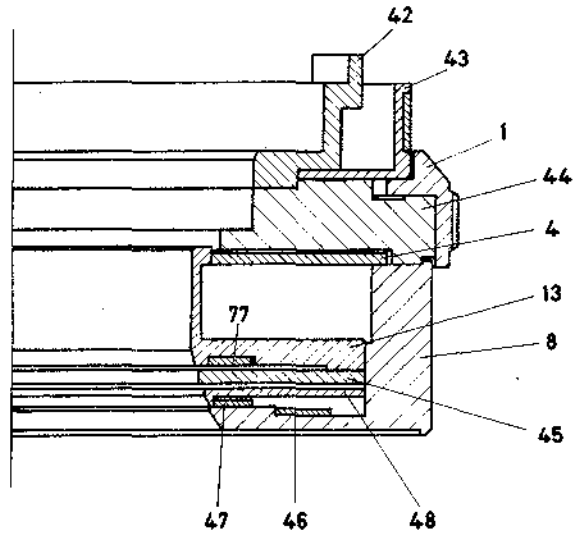
Design of the Shutter

Fig. 33 shows the shutter partly in section, so that the design of the PRONTOR-SVS shutter for interchangeable lenses can be seen. The shutter mechanism assembled on the base plate has already been described in the preceding instructions, and only deviations from the known design are again mentioned. The system of light-sealing shutter blades (see sheet 135) has been fitted on the bottom 8 of the shutter housing and secured by the base plate. A lug of the control disc 4 projects through the recess of the cover 44 to the outside. The cover is screwed to the shutter housing and the control disc is held in position by the cover.

The speed setting ring 1 is fitted to this cover and its recess accepts the lug of the control disc. Thus control disc and speed setting ring are positively locked to rotate together. The scale ring 43 is embedded in the speed setting ring. A spring-loaded detent dog of this scale ring engages the serrations provided on the speed setting ring.

Speed setting ring and scale ring are secured in position by the last mounted bayonet ring 42 that is screwed to the cover. The bayonet ring is provided with a slot to accept the coupling pin of the lens that transfers the aperture (f/stop) setting from the shutter to the lens (see Fig. 36).

Fig. 33



1 Speed setting ring 401-137
4 Control disc 401-24
8 Housing 401-U 1
13 Base plate 401-U 15
42 Bayonet ring 401-650
43 Scale ring 401-588
44 Cover 401-U 3
45 Covering disc 401-U 10
46 M-X-V ring 401-212
47 Drive ring for light-sealing shutter blades 401-U 630
48 Bearing disc for light-sealing shutter blades 401-U 635
77 Drive ring 399-U 80

5b Shutter Blade System

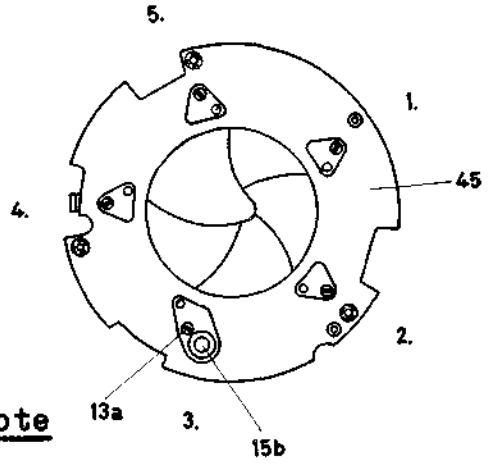
When fitting the shutter blades into the shutter attention must be given to the fact that the shutter blade 401-116.1 is fitted next to the cocking lever. Fig. 34 shows the two types of shutter blades used in the PRONTOR-SVS shutter for interchangeable lenses, and Fig. 35 shows their respective position in the shutter.

Fig. 34

401-116

401-116.1

Fig. 35



13a Shutter blade screw 257-118
15b Cocking shaft 401-U 96
45 Covering disc 401-U 10

The numbers show the sequence in which the shutter blades are fitted into the shutter. Attention must be given to the fact that the third shutter blade is the type 401-116.1.

Note

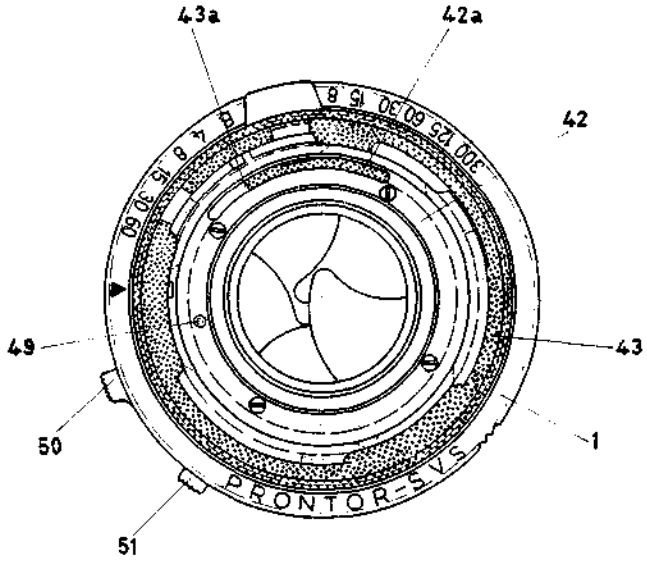
To install the base plate into the shutter housing the repairman should place the housing in front of himself, install the base in the housing, and secure it by means of screws.

6d Diaphragm Blade System

The diaphragm blades installed in the lens are retained in the closed position by a spring and are connected with the scale ring 43 (diaphragm setting ring) by means of the coupling pin. The latter ring has been provided with a stop lug 43a that stops the motion of the coupling pin that projects through the slot 42a of the bayonet ring. A rotation of the lens assembly causes the stop lug 43a to stop the coupling pin and holds it in position, while the rotation is continued until the lens is securely locked. Thus every lens fitted into the shutter is set for the aperture (f/stop) indicated on the shutter when it is locked in the bayonet ring 42 (by rotation).

A tracing pin 49 projects from the front (Fig. 36) of the shutter. This pin transfers to the shutter the setting motion of a rangefinder control cam provided on the lens.

Fig. 36



1 Speed setting ring 401-137
42 Bayonet ring 401-650
42a Slot for coupling pin
43 Scale ring 401-588
43a Tracing pin 411-649
50 V-X-M lever
51 Locking lever
49 Diaphragm stop lug

11 System of Light-Sealing Shutter Blades

a) Design

The drive ring 47 for the light-sealing shutter blades is located on the bottom of the shutter housing, and is held in position by the bearing disc 48 of the light-sealing shutter blades located on top of it. There is an intermediate lever 48a riveted to the rigidly mounted bearing disc for the light-sealing shutter blades. Arm A of this intermediate lever rests against a rivet of the drive ring for the light-sealing shutter blades, and arm B rests against the trigger release lever 17. Fig. 37 shows the position of the intermediate lever with the light-sealing shutter blades opened. For simplicity's sake the M-X-V lever, the locking key and the base plate with the shutter mechanism have been omitted in Figs. 37 and 38.

Fig. 37

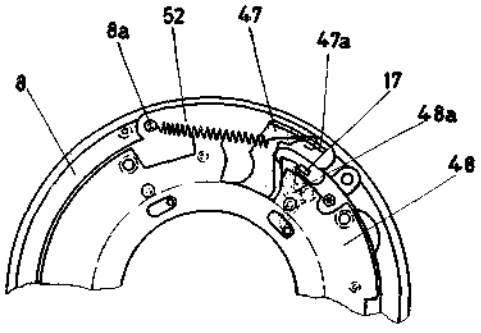
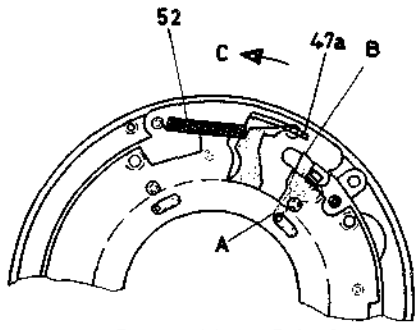


Fig. 37a



8 Shutter housing 410-U 1
17 Trigger release lever 401-U 85
47 Drive ring for light-sealing shutter blades 401-U 630
48 Bearing disc for light-sealing shutter blades 401-U 635
48a Intermediate lever
52 Spring for light-sealing shutter blade ring 401-634

The drive ring for the light-sealing shutter blades is held in the closed position (Fig.37a) by a tension spring 52 hooked on to the spring rivet 8a and on the locking lug 47a of the drive ring for the light-sealing shutter blades. While the shutter completes its cycle, the light-sealing shutter blades are held open by the locking lever that locks the drive ring of the light-sealing shutter blades. Fig. 37a shows the shutter with the light-sealing shutter blades closed.

b) Cycle of Functions

When the trigger release lever is depressed after the shutter has previously been cocked, the motion of this lever is utilized to displace the intermediate lever 48a resting against it, and to open the shutter blades by means of the drive ring for the light-sealing shutter blades being rotated. During this operation the locking lug 47a of the drive ring for the light-sealing shutter blades is positioned in front of the locking lug 53a of the bar lever, and the bar lever spring causes the locking lug to be caught in position. Thus the light-sealing shutter blades are held open. It is only after the shutter has completed its cycle when the cocking lever returns to its rest position that the light-sealing shutter blades are released and permitted to close. During this operation the bar lever is disengaged by the driving rivet 15a and the drive ring spring 52 for the light-sealing shutter blades, and the light-sealing shutter blades are closed (Fig. 38a).

Fig. 38

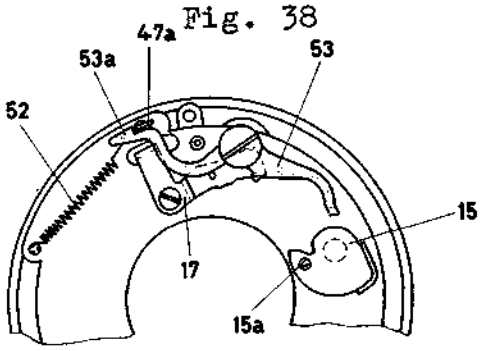


Fig. 38 shows the shutter during the release cycle. The trigger release lever is shifted to the left, the light-sealing shutter blades are opened and the bar lever arm 53a locks the drive ring for the light-sealing shutter blades.

Fig. 38a

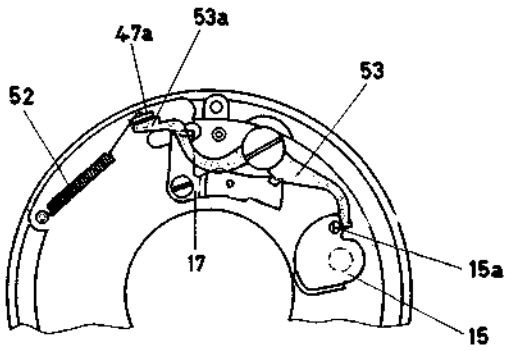
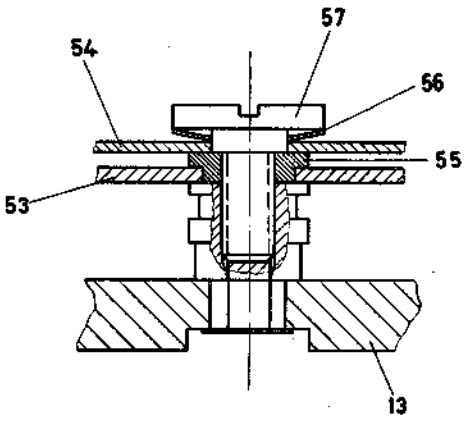


Fig. 38a on the other hand shows the shutter after the shutter mechanism has completed its cycle with the light-sealing shutter blades closed. The driving rivet 15a has displaced the locking hook 53a of the bar lever and has thus disengaged the lug 47a of the drive ring for the light-sealing shutter blades.

Fig. 39



13 Base plate 401-U 15
53 Bar lever 401-654
54 Cocking arm I 375-433
55 Bar lever bushing 401-655
56 Spring-loaded washer for the cocking arm 345-434
57 Cocking arm screw 381-435

Fig. 39 is a sectional view of the bar lever and the cocking arm with the shutter completely assembled.

Light-Sealing Shutter Blade System

Defect	Cause	Correction
1) Light-sealing shutter blades do not completely clear the shutter opening.	Driving lug of the driving ring for the light-sealing shutter blades is bent.	Bend lug 47a in the direction C (Fig. 37a)
2) Light-sealing shutter blades do not close completely.	Drive ring spring for the light-sealing shutter blades is unhooked.	Hook up spring 52. Press eyelet.
3) Bar lever does not become engaged, resulting that with speeds up to 1 sec the light-sealing shutter blades close immediately when the finger is taken off the trigger release lever.	a) Bar lever is bent b) Bar lever spring is not hooked up	a) Replace bar lever b) Hook up the bar lever spring

II PRONTOR-SLK Shutter for Interchangeable Lenses

Introductory Remarks

The PRONTOR-SLK shutter for interchangeable lenses is manufactured as described in the 5th supplement with and without film sensitivity ring.

Necessitated by the design of the shutter, a new exposure control mechanism has been developed for the cooperation between the exposure meter and both the speed and diaphragm setting rings.

Fig. 40

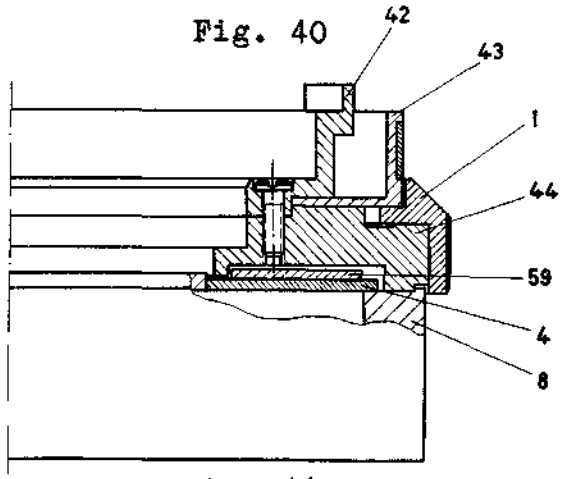
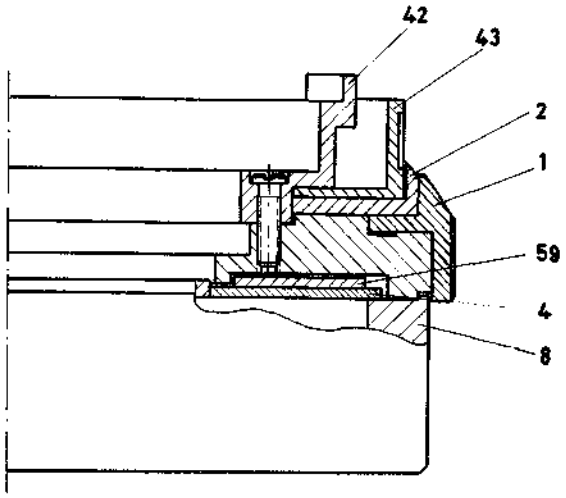


Fig. 41



The shutter mechanism is identical with that described in Section I, with the exception that the parts of the exposure control mechanism have been added.

1 Speed setting ring 411-137
2 Film sensitivity ring 411-U 722
4 Control disc 401-24
8 Shutter housing 410-U 1
42 Bayonet ring 411-650
43 Scale ring (diaphragm ring) 411-588
44 Cover 411-U 3
59 Tracing ring 410-U 715

Fig. 40 shows a sectional view of the PRONTOR-SLK shutter for interchangeable lenses. The same shutter model, however, with film sensitivity ring, is illustrated in Fig. 41. Neither drawing shows the shutter housing in section, as the shutter housing and its design have already been shown in Fig. 33.

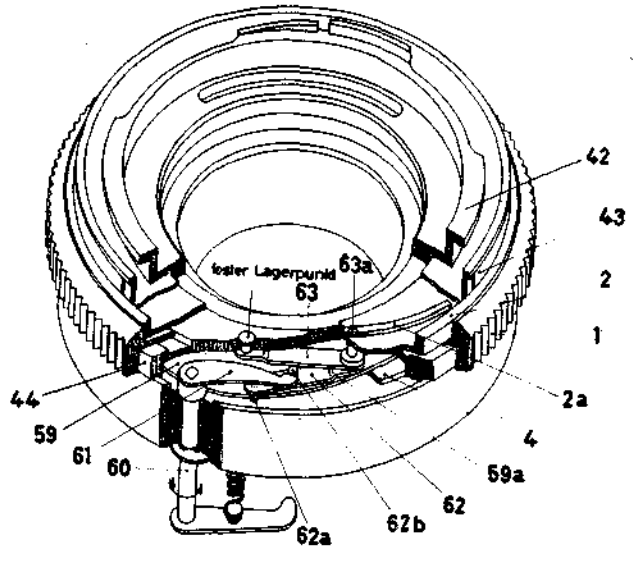
10a Exposure Control Mechanism

Design

The tracing ring 59 is fitted on a projection of the cover and connected by a pin to rotate with the control disc 4. Speed setting ring, scale ring and bayonet ring are connected and/or fitted to rotate together as described in Section I. The film sensitivity ring is positively locked with the scale ring by a spring-loaded detent dog.

Fig. 42 shows the tracing and transfer mechanism of the exposure control mechanism.

Fig. 42



1 Shutter housing 410-U 1
2 Film sensitivity ring 411-U 722
2a Control slot
4 Control disc 401-24
43 Scale ring 411-588
44 Cover 411-U 3
59 Tracing ring 410-U 715
59a Curve for control rivet I
60 Transfer shaft
61 Tracing lever
62 Compensating lever
62a Control rivet I
62b Transfer rivet
63 Control lever
63a Control rivet II

The tracing lever 61 riveted to the transfer shaft 60 that is carried in a bearing provided in the wall of the shutter housing comes to rest against the rivet 62 of the compensating lever. The control lever 63 that is riveted to the cover to pivot about its rivet is positively connected with the compensating lever.

Mode of Functioning

A rotation of the speed setting ring causes:

a) the control disc and the tracing ring locked to rotate with that disc to rotate to different relative positions, and

b) the scale ring connected with the setting ring by a spring-loaded detent dog to simultaneously rotate.

The relative setting of the exposure meter via the exposure control mechanism is only possible after previously disengaging the detent dog. Every rotation of the scale ring 43 is transferred by way of the slot 2a to the control rivet 63a; similarly every rotation of the speed setting ring 1 is transferred by way of the curve 59 of the tracing ring to the control rivet 62a. By way of the shaft 60 and the transfer arm the tracing lever 61 resting against the rivet 62b transfers every motion of the control rivets 62a and 63a to the exposure meter.

By rotating the rings 1 and 43 locked to rotate simultaneously by means of a detent dog the camera user selects a different speed-aperture combination. This does not effect the exposure meter.

7th Supplement

relating to GAUTHIER photographic shutters

PRONTOR - REFLEX Models 412 and 413

for mirror reflex cameras

Contents:

General Introductory Remarks

The shutter mechanism of the models 412 and 413 corresponds on the whole to the design of the PRONTOR-SVS shutter with linearized settings for shutter speed and aperture described in manual 1.

The following text will deal only with deviations from the PRONTOR-SVS shutter with linearized speed and aperture settings.

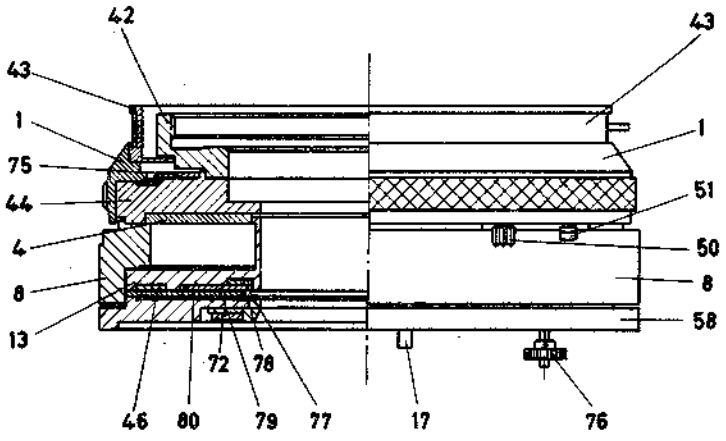
Note

The model 413 is equipped with the exposure control mechanism described on sheets 139 to 140.

Mode of Functioning

The PRONTOR-REFLEX shutter for lenses with automatic stop-down diaphragm is a shutter without diaphragm blades, similar in design to the PRONTOR-SVS shutter for interchangeable lenses. Fig. 43 shows model 412h one half in section and the other half as general view.

Fig. 43



1 Setting ring 412-137
4 Control disc 413-24
8 Housing ring 412h-U 1
13 Base plate 412-U 15
17 Trigger release lever 412-U 85
42 Lens mounting flange 412h-650
43 Scale ring 412-U 588.1
44 Cover 412-3.1
46 Synchro switch ring 412-212
50 M-X-V lever
51 Bar spring 412-621
58 Bottom 412h-U 2.1
72 Cocking ring 412h-U 694
75 Opening ring 413-738
76 Opening pinion 412-741
77 Drive ring 412-U 80
78 Bearing ring 412h-445
79 Bearing ring for the shutter blades 413-U 685
80 Shutter blade levelling disc 412-732

The integral toothed segment of the cocking ring 72 cocks the shutter mechanism via the drive pinion mounted on the cocking shaft, while the pinion 76 of the opening shaft is in positive engagement with the toothed segment of the opening ring 75 via a gear train installed in the cover. When the shutter is cocked, cocking ring 72 and opening pinion 76 are synchronously controlled by the camera, with the result that the shutter blades and the diaphragm installed in the lens assembly are simultaneously opened by the opening ring 75. When the shutter is released, the shutter blades close completely and the diaphragm stops down to he aperture (f/stop) previously set on the shutter. The arrangement of locks that are positively controlled prevents the shutter blades from reopening until after the diaphragm has stopped down to the predetermined aperture.

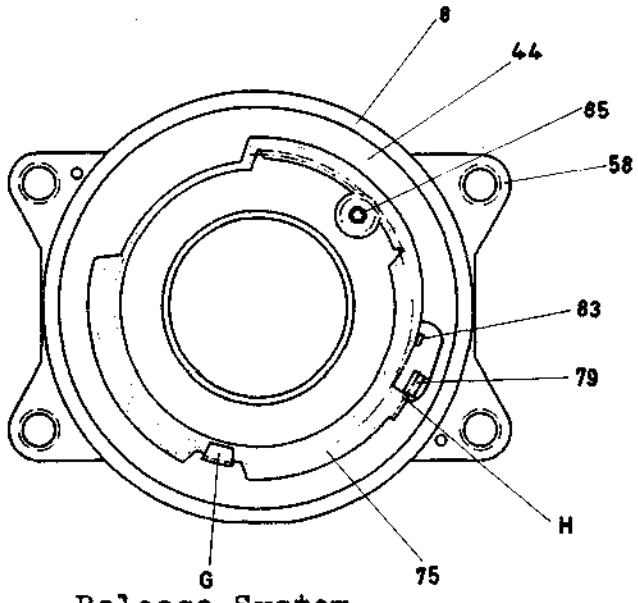
Cocking System

As can be seen in Fig. 44 the opening ring 75 is provided with a toothed segment which is positively connected with the opening shaft by way of the intermediate gear 85 and the gear train. Cocking of the shutter causes the pinion 76 of the opening shaft and the opening ring 75 in positive engagement with that pinion to simultaneously rotate.

The lug G of the opening ring 75 against which the diaphragm lever of the lens rests, opens the diaphragm and the lug H comes to rest against the bent-up lug of the shutter blade bearing ring 79 and opens the shutter blades.

The opening ring 75 is retained in this position until the camera release disengages the lock.

Fig. 44



8 Housing ring
44 Housing cover 412-3
58 Housing bottom 412h-U 2
75 Opening ring 413-738
79 Bearing ring for the shutter blades 413-U 685
83 Bar lever 413-674
85 Intermediate gear 412-269

Release System

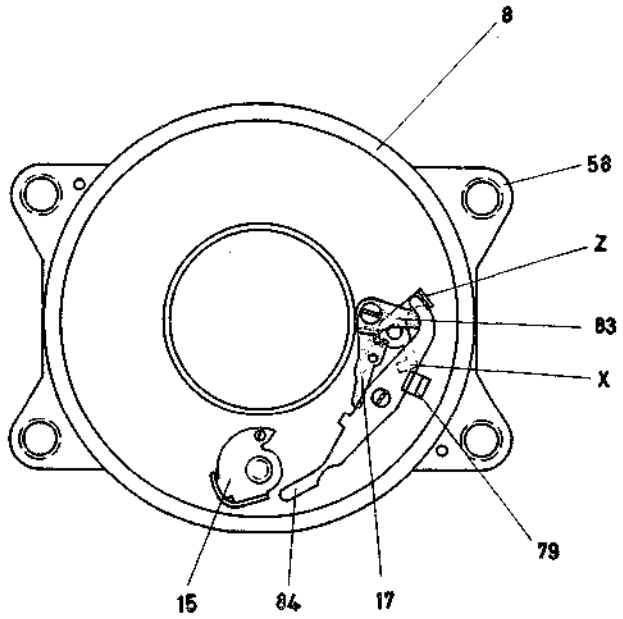
When the camera release is depressed the opening ring 75 is released and returned to its rest position by the spring action of the bearing ring spring for the shutter blades and the diaphragm stop-down spring of the diaphragm incorporated in the lens assembly. During this operation the shutter blades close completely and the diaphragm stops down to the aperture value previously set on the shutter. The integral stop lug of the scale ring 43 stops the diaphragm lever of the lens assembly.

The bar lever 83 is displaced by the trigger release lever 17 resting against it, and its arm X locks the shutter blade bearing ring. To hold the shutter blade bearing ring in its

position, while the shutter completes its cycle, the lug Z of the bar lever 83 bent-up at a right angle to the drawing plane remains locked until the shutter has completed its cycle and the cocking lever has returned to its resting position.

For manufacturing reason the locking system has been changed. The retaining lever 84 has been omitted and an integral curve of the opening ring 75, against which the bar lever 83 rests, locks the shutter blade bearing ring 79 while the shutter completes its cycle.

Fig. 45



8 Housing ring 412-U 1
15 Cocking lever 412-U 96
17 Trigger release lever 412-U 85
58 Bottom 412-U 2
79 Shutter blade bearing ring 413-U 685
83 Bar lever 412-674
84 Retaining lever 412-654

Shutter Blade System

A sixth shutter blade, the cover blade, has been added to the five shutter blades used up to now. Its function is to hold the shutter blades tight together and prevent them from bending, when the camera is not handled with due care.

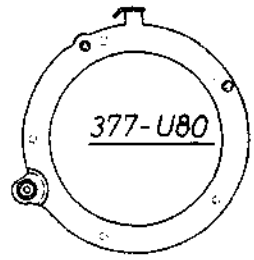
Fitting the Shutter Blades

The shutter blades are fitted in the customary sequence (see drawing of the drive ring 80 in the spare parts list), and the cover blade is fitted as the last one on top of the shutter blade first mounted.

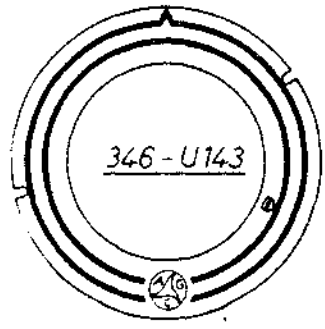
Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 477	L...: bes...: aus Bl. 1-4	Bl. Nr. 1
		Gefertigt: 10.9.59/e.	Gepr.
		Anz...der Änd.-Bl. 1-6	

Teil Nr.:	Teilbenennung:
377-U80	Antriebring drive ring
346-U85.1	Fingerhebel trigger release
346-U143	Frontplatte front plate
491-U5	Irislamelle 5 Stück diaphragm blade 5 pcs.
377-U7	Iriszeigerring diaphragm pointer ring
377-U1	Kapsel housing
280s1-U173	Kontaktplatte contact plate
480-U96	Spannhebel cocking lever
377-U15	Werkteil base plate
470-U543	Zeit-Rastenhebel click stop lever for speed setting ring

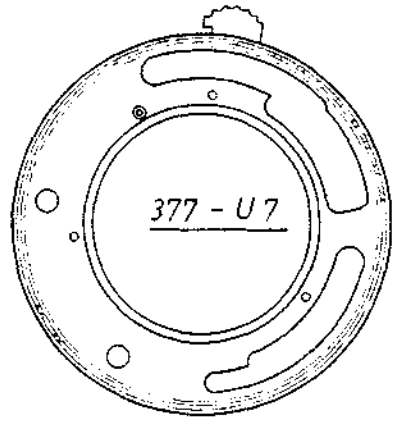
Teil:

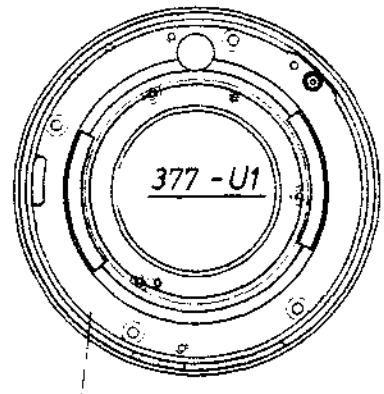


346-U85.1



491-U5





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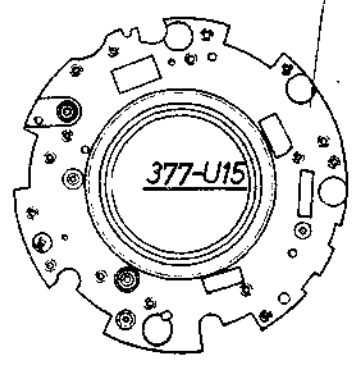
280s1-U173



480-U96

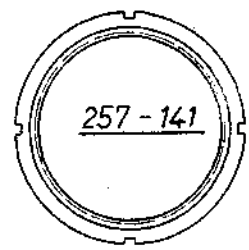
470-U543

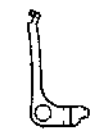
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 477

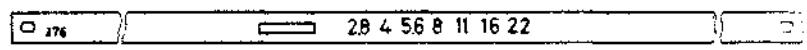
Liste best. aus Bl. — Bl. Nr. 2
Gefertigt 10.9.59 Le. — Gepr.
Anz. der And.-Bl.

Teil Nr.:	Teilbenennung:
257- 141	Anschraubring
	flange
381 - 106	Auslöshebel
	release lever
1.7 DIN 6799	Benzing-Sicherung ohne Skizze
	Benzing-fuse with sketch
376 - 134	Blendenbogen
	diaphragm band
477 - 137.1	Einstellring
	speed setting ring
295 - 139	Frontplattenring
	front plate ring
475 - 10	Irisdeckscheibe
	diaphragm cover disc
475 - 8	Irisscheibe
	diaphragm disc
322 - 111	Kontakthebel
	contact lever
314 - 116	Sektor 5 Stück
	shutter blade 5 pcs.
295 - 117	Sektorenscheibe 4 Stück
	shutter blade washer 4pcs.
257 - 117	Sektorenscheibe 1 Stück
	shutter blade washer 1pcs.
375 - 119.1	Zeithebel
	B-lever
309 - 255	Zeithebelunterlegscheibe
	B-lever washer
477 - 534	Zeitenbogen
	speed skale

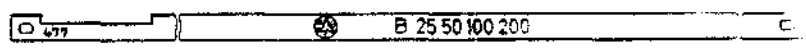




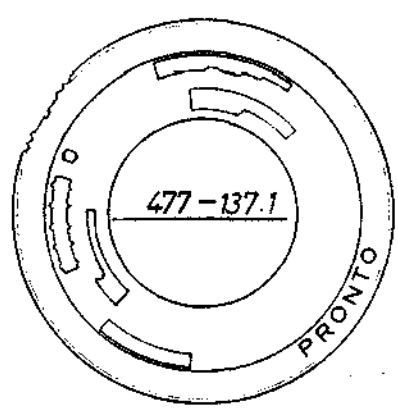
381 - 106

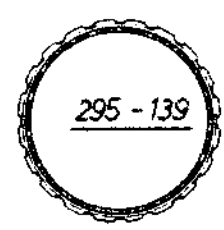


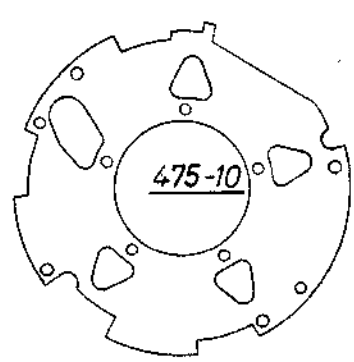
376 - 134

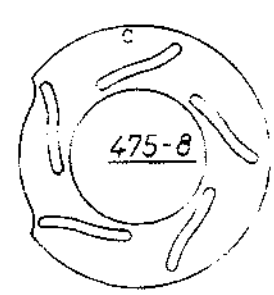


477 - 534









322 - 111

314 - 116

295 - 117

257 - 117

375 - 119.1

309 - 255

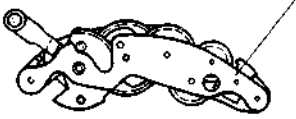
Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 477	Liste best. aus Bl.	Bl. Nr. 3
		Gefertigt 10. 9. 59	Gepr.
		Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
480 - G20	Hemmwerk
	slow speed assembly
377 - G49	Vorlaufwerk
	delayed action device
346 - 107	Auslöshebelschr.
	release lever screw
280 - 136	Bef.-Schraube f. HW lang
fixing screw for slow speed assembly long	
280 - 138	Bef.-Schraube f. HW kurz
fixing screw for slow speed assembly short	
476 - 135	Blendenbogenschr. 2 Stck.
	diaphragm bond screw 2 pcs.
0257 - 146	Fingerhebelschr.
	trigger release screw
355 - 11	Irisdeckscheibenschr. 2 St.
	diaphragm cover disc screw 2 pcs.
475 - 575	Iriszeigerringschr. 3 Stück
	diaphragm pointer ring screw 3 pcs.
280 - 112	Kontakthebelbüchse
	contact lever bushing
257 - 113	Kontakthebelschr.
	contact lever screw
KS 8 1x5.8 DIN 1475	Knebelkerbstift ohne Skizze
	pin as per DIN with. sketch
295g - 127	Ringfederanschlagschr.
	stop screw for ring spring
280 - 128	Ringfederschr.
	ring spring screw
0475 - 387	Rastenhebelschr.
	notch lever screw
257 - 118	Sektorenschr. 5 Stück
	shutter blade screw 5 pcs.
241 - 107	Werkteilschr. 3 Stück
	base plate screw 3 pcs.
257 - 120	Zeithebelschr.
	B-lever screw
476 - 135	Zeitenbogenschr. 2 Stck.
	speed scale screw 2 pcs.
476 - 135	Blendenrastenfederschr.
screw for diaphragm notch spring	

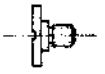
Teil:

480 - G20

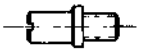
wird nur als Ganzes abgegeben
only complete assembly can be supplied



377 - G49



346 - 107



280 - 136

280 - 138

476 - 135

0257 - 146

355 - 11

475 - 575

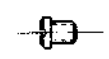
280 - 112

257 - 113

295g - 127

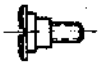
280 - 128

0475 - 387



257 - 118

241 - 107



257 - 120

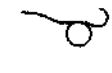
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

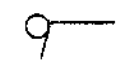
Mod. 477

Liste best. aus Bl. | Bl. Nr. 4
Gefertigt 10.9.59 | Gepr.
Anz. der And.-Bl.

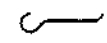
Teil Nr.:	Teilbenennung:
257- 129	Antriebringfeder
	drive ring spring
375 - 109	Auslöshebelfeder
	release lever spring
376 - 577	Blendenrastenfeder
	diaphragm notch spring
345 - 130	Fingerhebelfeder
	trigger release spring
470 - 546	Rastenhebelfeder
	notch lever spring
257 - 132	Spannhebelfeder
	cocking lever spring
345 - 104	Treibklinkenfeder
	driving latch spring
257 - 133	Vorlaufwerkfeder
	spring for del. act. dev.
346 - 121	Zeithebelfeder
	B- lever spring

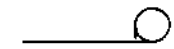
Teil:

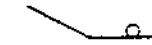

257 - 129

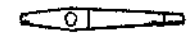

375-109


345-130


470 - 546


257 - 132


345-104


376 - 577


346-121

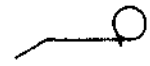
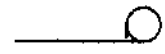
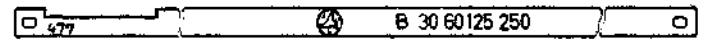

257-133

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 477

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1-6
Blatt Nr. 1 Gepr.
Gefertigt: 10.9.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		Änderung Nr. 8993 Change Nr. 8993	
2	346 - 465	Unterlegscheibe washer	 346-465
3		Änderung Nr. 9012 Change Nr. 9012	
4	377 - 132	Spannhebelfeder an Stelle v. 257-132 cocking lever spring inst of 257-132	 377-132
5		Änderung Nr. 9166 Change Nr. 9166	
6	257 - 132	Spannhebelfeder an Stelle v. 377-132 cocking lever spring inst of 377-132	 257-132
7		Änderung Nr. 9167 Change Nr. 9167	
8	477 - 534a	Zeitenbogen an Stelle v. 478-534 speed skale inst of 478-534	 477-534a
9		Änderung Nr. 9383 Change Nr. 9383	
10	475 - 111	Kontakthebel an Stelle v. 322-111 contact lever inst of 322-111	 475-111

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8993	2	10.9.59	9383	10	10.9.59			
9012	4	" " "						
9166	6	" " "						
9167	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00477

Geänderte Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 2 Gepr.
Gefertigt: 10 9 59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		Änderung Nr. 9412 Change Nr. 9412	
2	00477 - U173	Kontaktplatte an Stelle v. 00280s1-U173 contact plate inst. of 00280s1 - U173	 00477-U173
3		Änderung Nr. 9646 Change Nr. 9646	
4	00480 - U96.1	Spannhebel an Stelle v. 00480-U96 cocking lever inst. of 00480 - U96	 00480-U96.1
5		Änderung Nr. 319 Change Nr. 319	
6	476 - U5	Irislamelle 5 Stück an Stelle v. 00491-U5 diaphragm blade 5pcs. inst. of 00491 - U5	 476 - U5
7		Änderung Nr. 475 Change Nr. 475	
8	555 - 119.1	Zeithebel an Stelle v. 375-119.1 B-lever inst. of 375 - 119.1	 555-119.1
9		Änderung Nr. 1283 Change Nr. 1283	
10	GN 108 03 7 001 339	Irisdeckscheibenschr. an Stelle v. 00355-11 diaphragm cover disc screw inst. of 00355 - 11	 7001339

Änderungszustand dieses Blattes

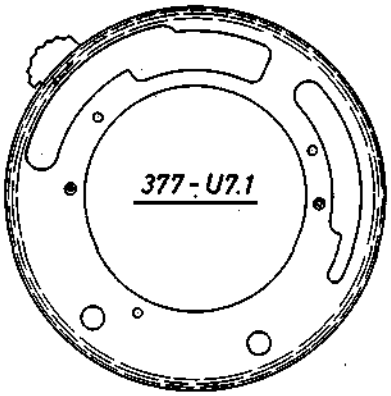
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9412	2	10.9.59	1283	10	19.11.64			
9646	4	" " "						
319	6	25.1.60						
475	8	17.3.61						

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 00477	Geänderte Teile / Changed parts	Liste besteht aus Blatt ..... Blatt Nr. 3 Gepr. ..... Gefertigt: 19.11.64 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 1336 / Change Nr. 1336	
2	GN 108 02 / 7 001 327	Zeitenbogenschr. an Stelle v. 00476-135
		speed scale screw inst. of 00476-135
3		
	Änderung Nr. 1651 / Change Nr. 1651	
4	377 - U7.1	Iriszeigerring an Stelle v. 00377-U7
		diaphragm pointer ring inst. of 00377-U7
5	395 - U8	Irisscheibe an Stelle v. 00475-8
		diaphragm disc inst. of 00475-8
6		
	Änderung Nr. 1651a / Change Nr. 1651a	
7	377 - U1.1	Kapsel ohne Skizze wird nicht abgegeben an Stelle v. 00377-U1
		housing with. sketch cannot be supplied inst. of 00377-U1
8	GN 101 01 / 7 000 997	Iriszeigerringschr. 2 Stück an Stelle v. 00475-575 3Stck.
		diaphragm pointer ring scr. 2pcs. inst. of 00475-575 3pcs.
9		
	Änderung Nr. 1681 / Change Nr. 1681	
10	2614-14-8500	Rastenhebelschr. an Stelle v. 0475-387
		notch lever screw inst. of 0475-387

Teil:

7 001 327



Die Teile 377-U7.1, 395-U8 nur zusammen austauschbar
The parts 377-U7.1, 395-U8 can only be replaced together

7 000 997

2614-14-8500

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
1336	2	18.11.64						
1651	4, 5	" " "						
1651a	7, 8	" " "						
1681	10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00477

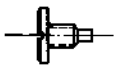
Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 19.11.64 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 1943 Change Nr. 1943		
2	470 - 546.1	Rastenhebelfeder an Stelle v. 00470-546	
		notch lever spring inst. of 00470 - 546	
3	470 - U543.1	Zeit-Rastenhebel an Stelle v. 00470-U543	
		click stop lever inst. of 00470 - U543	
4			
	Änderung Nr. 2084 Change Nr. 2084		
5	0257 - 146.1	Fingerhebelschraube an Stelle v. 0257-146	
		trigger release screw inst. of 0257 - 146	
6			
	Änderung Nr. 2820 Change Nr. 2820		
7	,375 - 106	Auslöshebel an Stelle v. 00381 - 106	
		release lever inst. of 00381 - 106	
8			
9			
	Änderung Nr. 2847 Change Nr. 2847		
10	546 - 121	Zeithebelfeder an Stelle v. 00346 - 121	
		B- lever spring inst. of 00346 - 121	

470 - 546.1

470-U543.1



0257-146.1

375-106

546 - 121

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
1943	2, 3	19. 11. 64						
2084	5	" " "						
2820	7	" " "						
2847	10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00477

Geänderte Teile
Changed parts

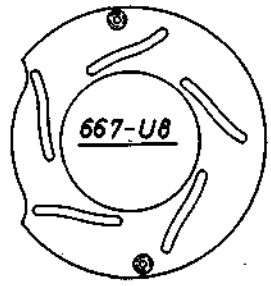
Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt: 19.11.64 ke.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 2848 Change Nr. 2848	
2	491 - 130	Fingerhebelfeder an Stelle v. 00 345-130
		trigger release spring inst. of 00345-130
3		
	Änderung Nr. 3105 Change Nr. 3105	
4	546 - U119	Zeithebel an Stelle v. 555-119.1
		B-lever inst. of 555-119.1
5		
	Änderung Nr. 3401 Change Nr. 3401	
6	617 - 134	Blendenbogen an Stelle v. 00376-134
		diaphragm band inst. of 00376-134
7	617 - 534	Zeitenbogen an Stelle v. 00477-534a
		speed scale inst. of 00477-534a
8		
	Änderung Nr. 3857 Change Nr. 3857	
9	667 - U8	Irisscheibe an Stelle v. 395-U8
		diaphragm disc inst. of 395-U8
10		

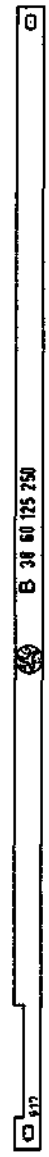
491-130

546-U119

617-134



667-U8



617-534

Die Teile 617-134 ; 617-534 nur zusammen austauschbar
The parts 617-134 ; 617-534 can only be replaced together

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
2848	2	19. 11. 64						
3105	4	" " "						
3401	6, 7							
3857	9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00477

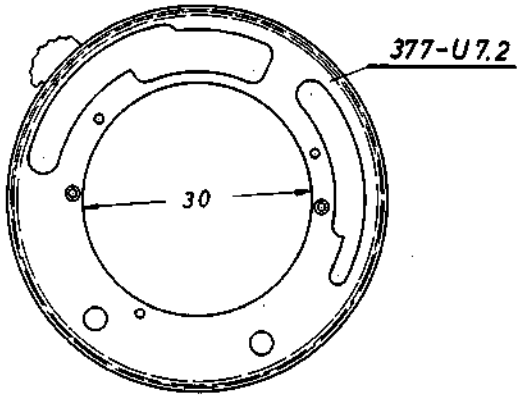
Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 6 | Gepr. .....
Gefertigt: 19. 11. 64 fe.

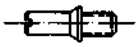
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 3858 Change Nr. 3858	
2	377 - U7.2	Iriszeigerring an Stelle v. 377 - U7.1
		diaphragm pointer ring inst. of 377 - U7.1
3		
	Änderung Nr. 3863 Change Nr. 3863	
4	637 - 133	Vorlaufwerkfeder an Stelle v. 00257 - 133
		spring for del. act. dev. inst. of 00257 - 133
5		
	Änderung Nr. 3478 Change Nr. 3478	
6	GN 174 01 7 002 356	Bef.-Schraube f. HW lang an Stelle v. 00280 - 136
	fixing screw for	slow speed assembly long inst. of 00280 - 136
7		
8		
9		
10		

Teil:

Die Teile 667-U8, 377-U7.2 nur zusammen austauschbar
The parts 667-U8, 377-U7.2 can only be replaced together



637 - 133



7 002 356

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
3858	2	19. 11. 64						
3863	4	" " "						
3478	6	" " "						

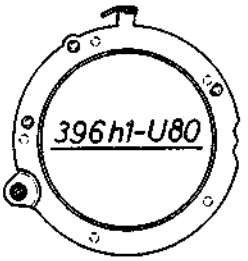
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. X 496

Liste best. aus Bl. 1 - 4 | Bl. Nr. 1
Gefertigt 4.2.60 | Gepr.
Anz. der Änd.-Bl. 1-5

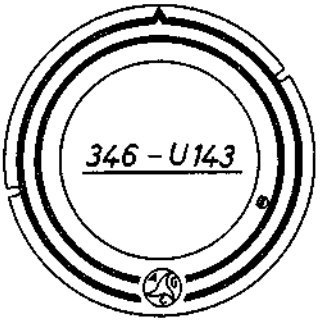
Teil Nr.:	Teilbenennung:
396h1- U80	Antriebring
	drive ring
346 - U85.1	Fingerhebel
	trigger release
346 - U143	Frontplatte
	front plate
491 - U5	Irislamelle 5 Stück
	diaphragm blade 5pcs.
496 - U7.1	Iriszeigerring
	diaphragm pointer ring
496 - U1	Kapsel
	housing
496 - U583.1	Kupplungsfeder
	coupling spring
396h1-U173	Kontaktplatte
	contact plate
345s15-U226	Kontakthebel
	contact lever
X496 - U96	Spannhebel
	cocking lever
345 - U437.2	Spannarm 2
	cocking arm 2
X496 -U15	Werkteil
	base plate
X 546 - U543	Zeit- Rastenfeder
	click stop spring

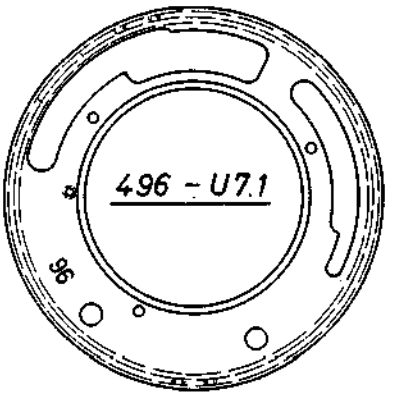
Teil:

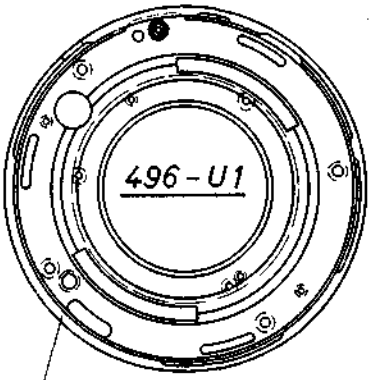


346 -U85.1

491-U5



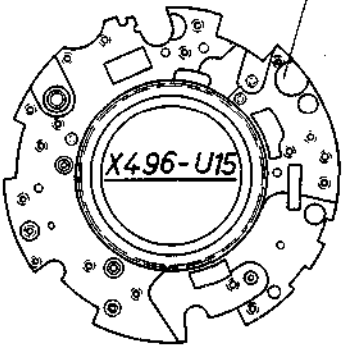




496-U583.1

396h1-U173

wird nicht abgegeben
cannot be supplied



345s15-U226

X496-U96

345 - U437.2

X546-U543

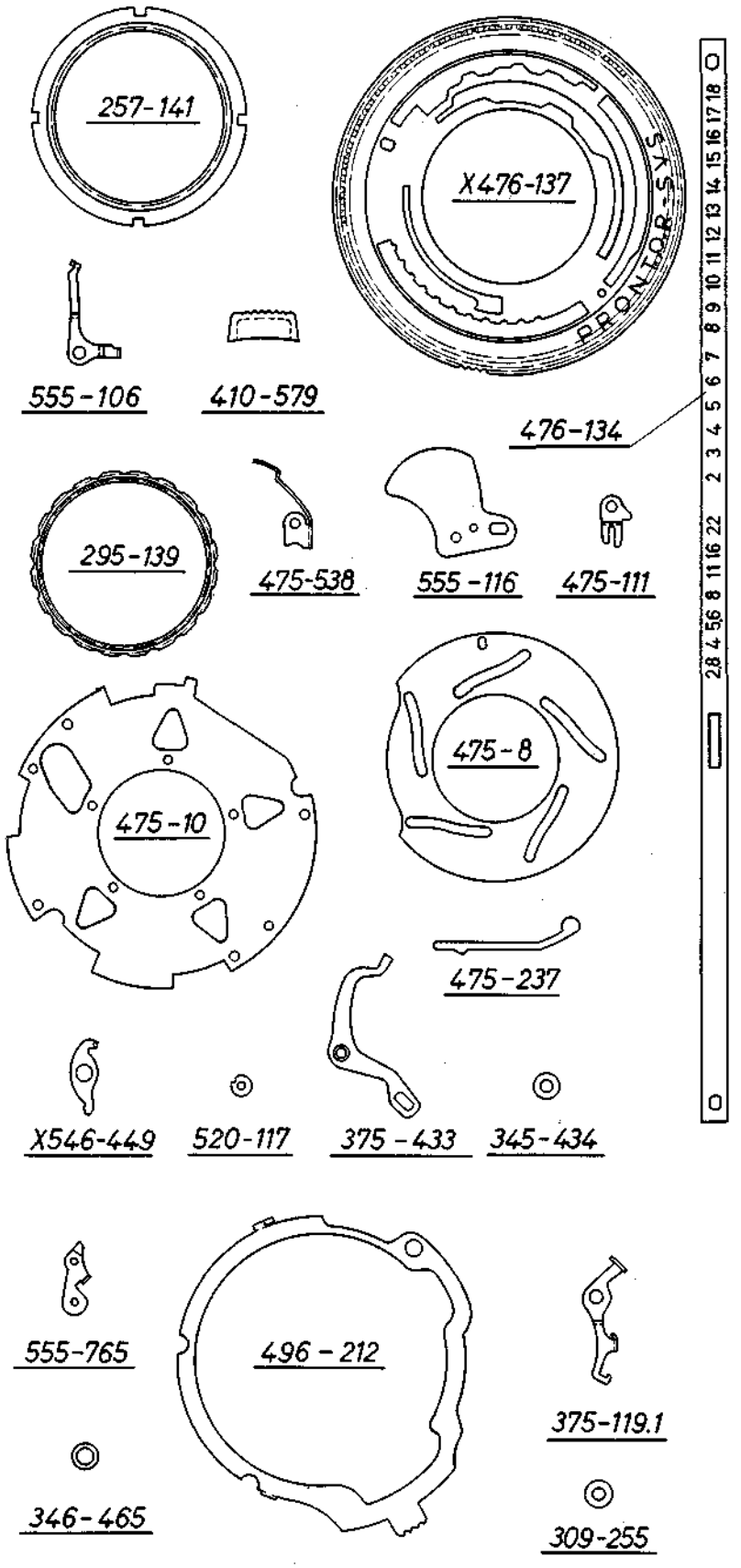
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. X 496

Liste best. aus Bl.	Bl. Nr. 2
Gefertigt 4. 2. 60 Fe.	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
257 - 141	Anschraubring
	flange
555 - 106	Auslöshebel
	release lever
476 - 134	Blendenbogen
	diaphragm band
17 DIN 6799	Benzing-Sicherung ohne Skizze
	Benzing fuse with sketch
X476 - 137	Einstellring
	speed setting ring
295 - 139	Frontplattenring
	front plate ring
410 - 579	Griffstückhülle
	actuation handle sleeve
475 - 538	Haltefeder
	holding spring
475 - 10	Irisdeckscheibe
	diaphragm cover disc
475 - 8	Irisscheibe
	diaphragm disc
475 - 111	Kontakthebel
	contaktlever
475 - 237	Rastenfeder
	notch spring
X546 - 449	Schwenkhebel
	swivel lever
555 - 116	Sektor 5 Stück
	shutter blade 5 pcs.
520 - 117	Sektorenscheibe 5 Stück
	shutter blade washer 5pcs.
375 - 433	Spannarm I
	cocking arm I
345 - 434	Spannarmscheibe
	cocking arm disc
555 - 765	Spannhebelanschlag
	cocking lever stop
496 - 212	Umstellring
	synchro switch ring
346 - 465	Unterlegscheibe
	washer
309 - 255	Zeithebelunterlegscheibe
	B-lever washer
375 - 119.1	Zeithebel B-lever
X476 - 534	Zeitenbogen speed scale

Teil:



X 476-534

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. X 496

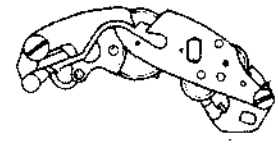
Liste best. aus Bl. | Bl. Nr. 3
Gefertigt 4.2.60 fe. | Gepr.
Anz. der Änd.-Bl.

Teil Nr.:	Teilbenennung:
X 476 - G20	Hemmwerk
	slow speed assembly
X 546 - G49	Vorlaufwerk
	delayed action device
X 496 - 107	Auslöshebelschr. release lever screw
476 - 135	Blendenbog Schr. 2St. diaphragm band scr.
X 546 - 443	Bef. Schr. f. Vlfw. lang
fixing screw	for delayed action device long
257 - 157	Bef. Schr. f. Vlfw. kurz
fixing screw	for delayed action device short
X 546 - 136	Bef. Schr. f. HW lang
fixing screw	for slow speed assembly long
280 - 138	Bef. Schr. f. HW kurz
fixing screw	for slow speed assembly short
0257 - 146	Fingerhebelschr.
	trigger release screw
335 - 272	Haltefederschr.
	holding spring screw
475 - 575	Iriszeigerringschr. 3 Stck.
	diaphragm pointer ringscr. 3pcs.
355 - 11	Irisdeckscheibenschr. 2 Stck.
	diaphragm cover disc screw 2pcs.
476 - 135	Kupplungsfederschr. 2 St.
	coupling spring screw 2pcs.
280 - 112	Kontakthebelbüchse
	contact lever bushing
257 - 113	Kontakthebelschr.
	contact lever screw
1x 5.8 KS 8 DIN 1475	Knebelkerbstift ohne Skizze
	pin as per DIN with sketch
395 - 127	Ringfederanschlagschr.
	stop screw for ring spring
280 - 128	Ringfederschr.
	ring spring screw
257 - 118	Sektorenschr. 5 Stück
	shutter blade screw 5pcs.
381 - 435	Spannarmschr. cocking arm scr.
499 - 135	Spannhebelanschlagschr. cocking lever stop screw
241 - 107	Werkteilschr. 3 Stück
	base plate screw 3pcs.
257 - 120	Zeithebelschr.
	B-lever screw
546 - 135	Zeitenbogenschr. 2 Stück
	speed scale screw 2pcs.

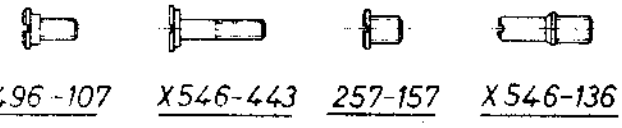
Teil:

X 476 - G 20

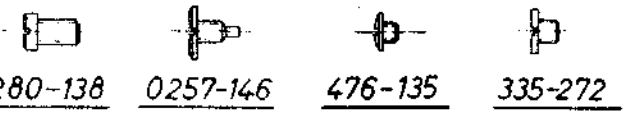
wird nur als Ganzes abgegeben
only complete assembly can be supplied



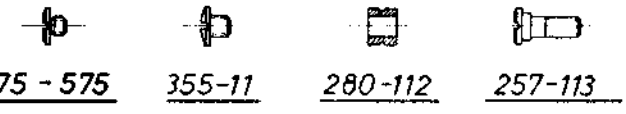
X546 - G49



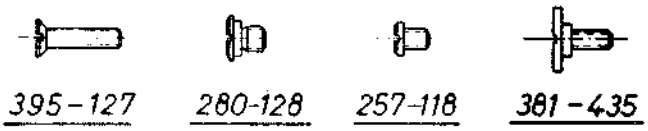
X496-107 | X546-443 | 257-157 | X546-136



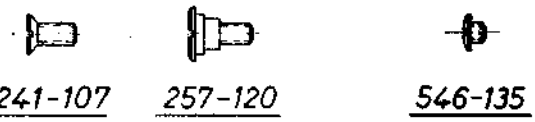
280-138 | 0257-146 | 476-135 | 335-272



475 - 575 | 355-11 | 280-112 | 257-113



395-127 | 280-128 | 257-118 | 381-435



241-107 | 257-120 | 546-135

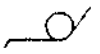
499-135

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. X 496	Liste best. aus Bl. Bl. Nr. 4 Gefertigt 4.2.60 fe. Gepr. Anz. der And.-Bl.

Teil Nr.:	Teilbenennung:	Teil:
295 - 129	Antriebringfeder drive ring spring	
375 - 109	Auslöshebelfeder release lever spring	
345 - 130	Fingerhebelfeder trigger release spring	
295 - 230	Kontakthebelfeder contact lever spring	

295 - 129

375-109

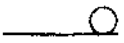


345-130

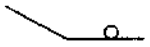
475 - 541	Rücklauffeder returning spring	
X546 - 132	Spannhebelfeder cocking lever spring	
345 - 104	Treibklinkenfeder driving latch spring	
345-133	Vorlaufwerkfeder spring for del. act aev.	
346 - 121	Zeithebelfeder B-lever spring	

295 - 230

475 - 541



X546 - 132



345 - 104

345-133

346 - 121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. X 496

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1-5
Blatt Nr. 1 | Gepr.
Gefertigt: 4. 2. 60 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9751 Change Nr. 9751		
2	X 546 - U543.1	Zeit Rastenfeder an Stelle v. X 546 - U543	 X546-U543.1
		click stop spring inst. of X 546 - U 543	
3			
	Änderung Nr. 9790 Change Nr. 9790		
4	555 - 121	Zeithebelfeder an Stelle v. 346 - 121	 555-121
		B-lever spring inst. of 346 - 121	
5			
	Änderung Nr. 9880 Change Nr. 9880		
6	555 - 129	Antriebringfeder an Stelle v. 295 - 129	 555 - 129
		drive ring spring inst. of 295 - 129	
7			
	Änderung Nr. 9917 Change Nr. 9917		
8	X 496 - U96.1	Spannhebel an Stelle v. X 496 - U96	 X 496-U96.1
		cocking lever inst. of X 496 - U96	
9			
	Änderung Nr. 139 Change Nr. 139		
10	X 546 - U543.2	Zeit Rastenfeder an Stelle v. X 546 - U543.1	 X 546-U543.2
		click stop spring inst. of X 546 - U543.1	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9751	2	4. 2. 60	139	10	4. 2. 60			
9790	4	" " "						
9880	6	" " "						
9917	8	" " "						

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. X496	Geänderte Teile / Changed parts	Liste besteht aus Blatt ... Blatt Nr. 2 Gepr. ... Gefertigt: 4.2.60

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 175 / Change Nr. 175		
2	X476 - U226	Kontakthebel an Stelle v. 345s15 - U226 contact lever inst. of 345s15 - U226	 X476-U226
3			
	Änderung Nr. 297 / Change Nr. 297		
4	X496 - 118	Sektorenschr. 5 Stck. an Stelle v. 257 - 118 shutter blade screw 5pcs inst. of 257 - 118	 X496-118
5			
	Änderung Nr. 301 / Change Nr. 301		
6	X546 - 129	Antriebringfeder an Stelle v. 555 - 129 drive ring spring inst. of 555 - 129	 X546-129
7			
	Änderung Nr. 319 / Change Nr. 319		
8	476 - U5	Irislamelle an Stelle v. 491 - U5 diaphragm blade inst. of 491 - U5	 476 - U5
9			
	Änderung Nr. 475 / Change Nr. 475		
10	555 - 119.1	Zeithebel an Stelle v. 375 - 119.1 B - lever inst. of 375 - 119.1	 555-119.1

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
175	2	4. 2. 60	475	10	4. 2. 60			
297	4	" " "						
301	6	" " "						
319	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. X 496

Geänderte Teile
Changed parts

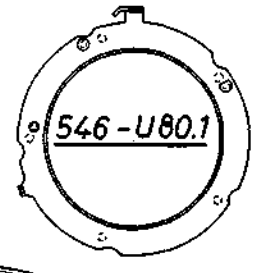
Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 15. 3. 61 fe.

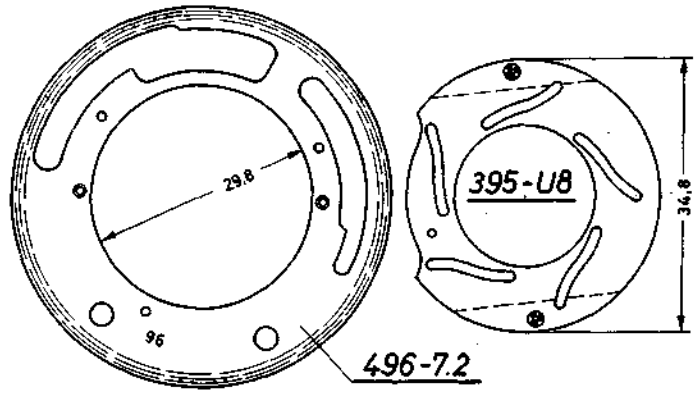
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 626 Change Nr. 626	
2	X 496 - U96.2	Spannhebel an Stelle v. X 496 - U96.1
		cocking lever inst. of X 496 - U96.1
3		
	Änderung Nr. 1564 Change Nr. 1564	
4	476 - 111	Kontakthebel an Stelle v. 475 - 111
		contact lever inst. of 475 - 111
5	476 - 116	Sektor an Stelle v. 555 - 116
		shutter blade inst. of 555 - 116
6		
	Änderung Nr. 1570, 4269 Change Nr. 1570, 4269	
7	546 - U80.1	Antriebring an Stelle v. 396h1-U80
		drive ring inst. of 396h1 - U80
8		
	Änderung Nr. 1651, 1651a Change Nr. 1651, 1651a	
9	496 - 7.2	Iriszeigerring an Stelle v. 496 - U7.1
		diaphragm pointer ring inst. of 496 - U7.1
10	395 - U8	Irisscheibe an Stelle v. 475 - 8
		diaphragm disc inst. of 475 - 8

X496-U96.2

476-111

476-116





Die Teile 496-7.2, 395-U8 nur zusammen austauschbar
The parts 496-7.2, 395-U8 can only be replaced together

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
626	2	15. 3. 61						
1564	4, 5	" " "						
1570	7	" " "						
1651	9, 10	11. 11. 64						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. X 496

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 11.11.64 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	496 - U1.1	Kapsel ohne Skizze wird nicht abgegeben an Stelle v. 496 - U1	
		housing with. sketch cannot be supplied inst. of 496 - U1	
2	GN 101 01 7 000 997	Iriszeigerringschr. 2 Stck. an Stelle v. 475 - 575 3 Stck.	 7 000 997
		diaphragm pointer ring scr. 2 pcs. inst. of 475 - 575 3 pcs.	
3			
	Änderung Nr. 1693 Change Nr. 1693		
4	X 549 - 812	Ringanschlag ring stop	 X 549-812
	GN 117 12 7 001 823	Ringanschlagschr. ring stop screw	
5			
	Änderung Nr. 1731 Change Nr. 1731		
6	GN 117 12 7 001 823	Spannhebelanschlagschr. an Stelle v. 499 - 135	 7 001 823
		cocking lever stop screw inst. of 499 - 135	
7			
	Änderung Nr. 1786 Change Nr. 1786		
8	GN 11907 7 001 909	Haltefederschr. an Stelle v. 335 - 272	 7 001 909
		holding spring screw inst. of 335 - 272	
9			
	Änderung Nr. 2847, 2848 Change Nr. 2847, 2848		
10	546 - 121	Zeithebelfeder, an Stelle v. 346 - 121 B-lever spring, inst. of 346 - 121	 546 - 121
	491 - 130	Fingerhebelfeder, an St. v. 345-130 trigger release spr. inst. of 345-130	 491-130

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
1651a	1, 2	11. 11. 64	2847	10	11. 11. 64			
1693	4	" " "						
1731	6	" " "						
1786	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. X 496

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt: 11.11.64 fe.

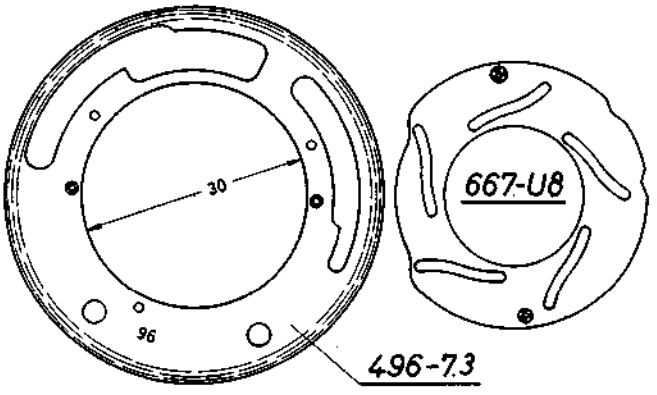
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 3066 Change Nr. 3066	
2	565 - 812	Ringanschlag an Stelle v. X 549 - 812
		ring stop inst. of X 549 - 812
3		
	Änderung Nr. 3105 Change Nr. 3105	
4	546 - U119	Zeithebel an Stelle v. 555 - 119.1
		B-lever inst. of 555 - 119.1
5		
	Änderung Nr. 3343 Change Nr. 3343	
6	X 546 - G49.2	Vorlaufwerk an Stelle v. X 546 - G49
		delayed action device inst. of X 546 - G49
7		
	Änderung Nr. 3857, 3858 Change Nr. 3857, 3858	
8	496 - 7.3	Iriszeigerring an Stelle v. 496 - 7.2
		diaphragm pointer ring inst. of 496 - 7.2
9	667 - U8	Irisscheibe an Stelle v. 395 - U8
		diaphragm disc inst. of 395 - U8
10	Änderung Nr. 4128 Change Nr. 4128	
	X 546 - 129.1	Antriebringfeder an Stelle v. X546-129 drive ring spring inst. of X546-129

565-812

546 - U119

X546 - G49.2

wird nur als Ganzes abgegeben
only complete assembly can be supplied



Die Teile 496-7.3, 667 - U8 nur zusammen austauschbar
The parts 496 - 7.3, 667-U8 can only be replaced together

X546-129.1

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
3066	2	11. 11. 64	4128	10	11.11.64			
3105	4	" " "						
3343	6	" " "						
3857	8, 9	" " "						

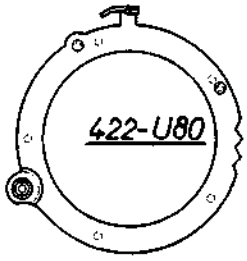
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 522

Liste best. aus Bl. 1-4 | Bl. Nr. 1
Gefertigt 24.11.58 Kr. | Gepr.
Anz. der Änd.-Bl. 1,2,3,4,5,

Teil Nr.:	Teilbenennung:
422 - U80	Antriebring
	drive ring
522 -U137	Einstellring
	speed setting ring
346-U85.1	Fingerhebel
	trigger release
520-U143	Frontplatte
	front plate
491 - U5	Irislamelle 5 Stück
	diaphragm blade 5 pcs.
522 - U7	Iriszeigerring
	diaphragm pointer ring
522 - U1	Kapsel
	housing
520 - U583	Kupplungsfeder
	coupling spring
396h1 - U173	Kontaktplatte
	contact plate
496 - U96	Spannhebel
	cocking lever
522 - U15	Werkteil
	base plate
522 - U543	Zeit - Rastenhebel
click stop lever	for speed setting ring

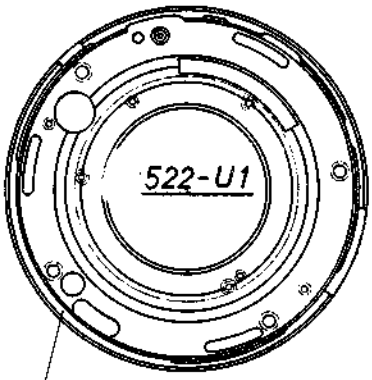
Teil:

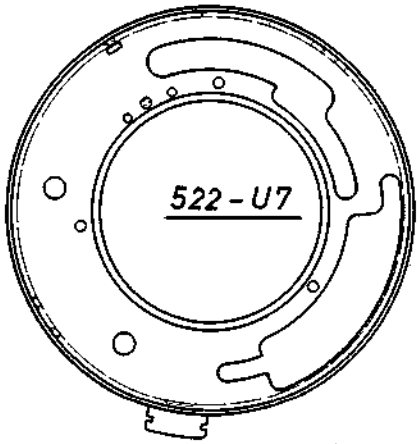


346-U85.1

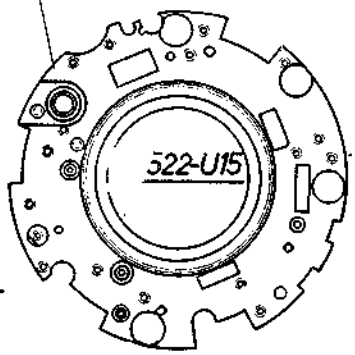
520-U143
ohne Skizze
with. sketsch

491 - U5





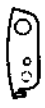
wird nicht abgegeben
cannot be supplied



520-U583

396h1-U173

496-U96



522-U543

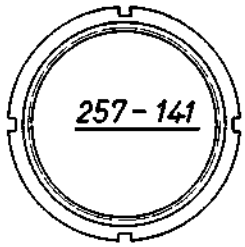
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 522

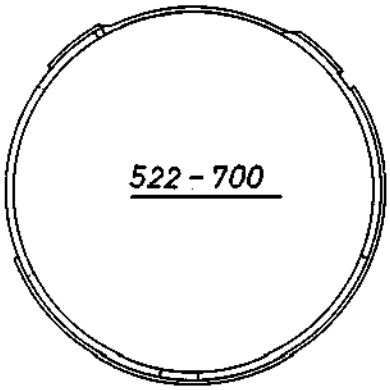
Liste best. aus Bl.
Gefertigt 24. 11. 58 Le.
Anz. der Änd.-Bl.
Bl. Nr. 2
Gepr.

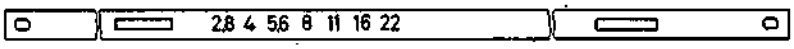
Teil Nr.:	Teilbenennung:
257 - 141	Anschraubring
	flange
381 - 106	Auslöshebel
	release lever
522 - 700	Blendenring
	diaphragm ring
520 - 134	Blendenbogen
	diaphragm band
1.7 DIN 6799	Benzing-Sicherung (ohne Skizze)
	Benzing-fuse (with sketsch)
295 - 139	Frontplattenring
	front plate ring
410 - 579	Griffstückhülle 2 Stück
	actuation handle sleeve 2pcs.
475 - 8	Irisscheibe
	diaphragm disc
475 - 10	Irisdeckscheibe
	diaphragm cover disc
322 - 111	Kontakthebel I
	contact lever I
314 - 116	Sektor 5 Stück
	shutter blade 5pcs.
396 - 117	Sektorenscheibe 5 Stück
	shutter blade washer 5pcs.
522 - 705	Zeitenring
	speed ring
375 - 119.1	Zeithebel
	B-lever
309 - 255	Zeithebelunterlegscheibe
	B-lever washer
522 - 534	Zeitenbogen
	speedscale

Teil:



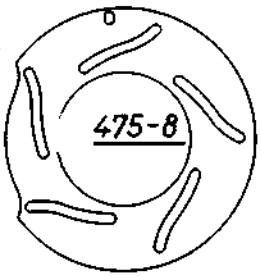

381-106

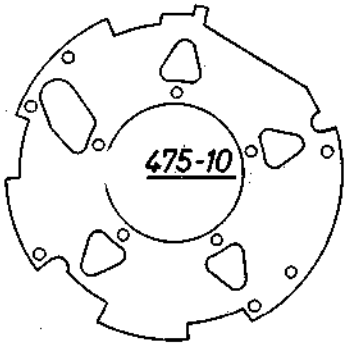




520-134


410-579

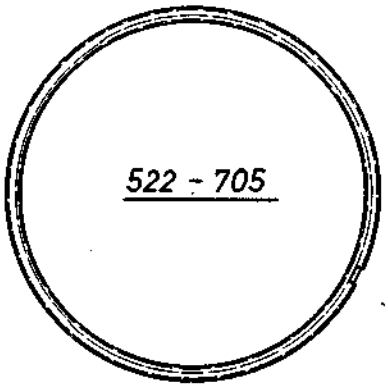





322-111


314-116


396-117




375-119.1


309-255

522 - 534

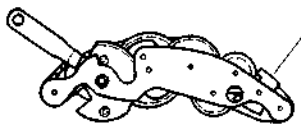
Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 522	Liste best. aus Bl.	Bl. Nr. 3
		Gefertigt 24.11.58 fe.	Gepr.
		Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
522 - G20	Hemmwerk
	slow speed assembly
522 - G49	Vorlaufwerk
	delayed action device
346 - 107	Auslöshebelschr.
	release lever screw
476 - 135	Blendenbogenschr 2Stck.
	diaphragm band screw 2pcs.
280 - 136	Bef.Schr. f. HW lang
fixing screw	for slow speed assembly long
280 - 138	Bef. Schr. für HW. kurz
fixing screw	for slow speed assembly
0257 - 146	Fingerhebelschr.
	trigger release screw
348 - 165	Griffniet
	actuation pin
475 - 575	Iriszeigerringschr. 3 Stück
	diaphragm pointer ring screw 3pcs.
355 - 11	Irisdeckscheibenschr. 2 Stck.
	diaphragm cover disc screw 2pcs.
476 - 135	Kupplungsfederschr. 2 Stck.
	coupling spring screw 2pcs.
280 - 112	Kontakhebelbüchse
	contact lever bushing
257 - 113	Kontakthebelschr.
	contact lever screw
KS 8 1x5.8 DIN 1475	Knebelkerbstift (ohne Skizze)
	pin as per DIN (with. sketsch)
395 - 127	Ringfederanschlagschr.
	stop screw for ring spring
280 - 128	Ringfederschr.
	ring spring screw
0475 - 387	Rastenhebelschr.
	notch lever screw
257 - 118	Sektorenschr. 5 Stück
	shutter blade washer 5pcs.
241 - 107	Werkteilschr. 3 Stück
	base plate screw 3pcs.
257 - 120	Zeithebelschr.
	B-lever screw
476 - 135	Zeitenbogenschr. 2 Stück
	speed scale screw 2pcs.

Teil:

522 - G20

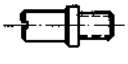
wird nur als Ganzes abgegeben
only complete assembly can be supplied



522 - G49

346 - 107

476-135



280-136

280 - 138

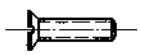
0257-146

475-575

355-11

280-112

257-113



395 - 127

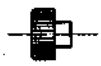
280-128

0475-387

257-118

241-107

257-120

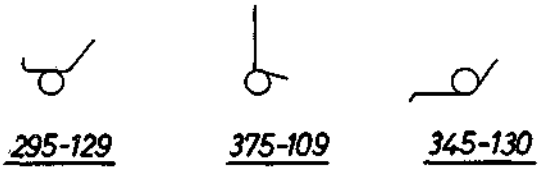


348-165

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 522	Liste best. aus Bl.	Bl. Nr. 4
		Gefertigt 24.11.58 /e.	Gepr.
		Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
295 - 129	Antriebringfeder
	drive ring spring
375 - 109	Auslöshebelfeder
	release lever spring
345 - 130	Fingerhebelfeder
	trigger release spring
522 - 546	Rastenhebelfeder
	notch lever spring
375 - 132	Treibfeder
	drive spring
345 - 104	Treibklinkenfeder
	driving latch spring
257 - 133	Vorlaufwerkfeder
	spring for del. act. dev.
346 - 121	Zeithebelfeder
	B-lever spring

Teil:



295-129 375-109 345-130

522-546 375-132 345-104

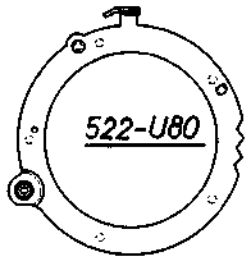
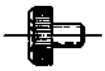
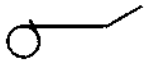
257-133 346-121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 522

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1, 2, 3, 4, 5.
Blatt Nr. 1 | Gepr.
Gefertigt: 24. 11. 58

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 8496 Change Nr. 8496		
2	522 - U80	Antriebring an Stelle v. 422 - U80	
		drive ring inst. of 422 - U80	
3			
	Änderung Nr. 8497 Change Nr. 8497		
4	520 - U583.1	Kupplungsfeder an Stelle v. 520 - U583	
		coupling spring inst. of 520 - U583	
5			
	Änderung Nr. 8540 Change Nr. 8540		
6	299 - 251 522 - 250	Rändelmutter Rändelschr. an Stelle v. 348-165	 
		knurled nut knurled screw inst. of 348-165	
7			
	Änderung Nr. 8554 Change Nr. 8554		
8	476 - 587	Kupplungsfederschr. an Stelle v. 476 - 135	
		coupling spring screw inst. of 476 - 135	
9			
	Änderung Nr. 8688 Change Nr. 8688		
10	377 - 132	Treibfeder an Stelle v. 375 - 132	
		drive spring inst. of 375 - 132	

Fortsetzung zu Änd. 8688 auf Bl. Nr. 2
continuation of change Nr. 8688 on sheet 2

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8496	2	24. 11. 58	8688	10	24. 11. 58			
8497	4	" " "						
8540	6	" " "						
8554	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 522

Geänderte Teile
Changed parts

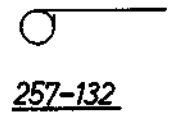
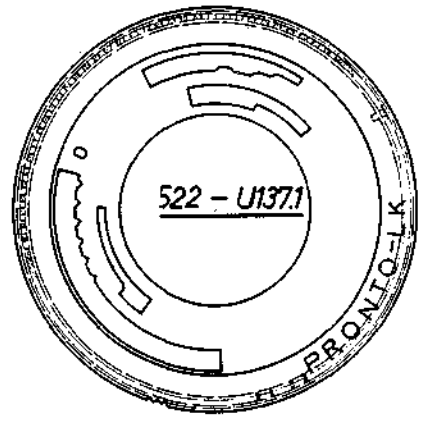
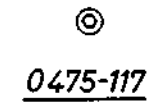
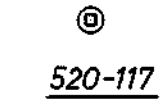
Liste besteht aus Blatt
Blatt Nr. 2 | Gepr.
Gefertigt: 24.11.58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	257 - 129	Antriebringfeder an Stelle v. 295 - 129	 257 - 129
		drive ring spring inst. of 295 - 129	
2			
	Änderung Nr. 8814 Change Nr. 8814		
3	522 - 165	Rändelniet an Stelle v. 299-251; 522-250	 522-165
		knurled pin inst. of 299-251; 522-250	
4			
	Änderung Nr. 8886 Change Nr. 8886		
5	476 - 135	Kupplungsfederschr. an Stelle v. 476 - 587	 476-135
		coupling spring screw inst. of 476 - 587	
6			
	Änderung Nr. 8902 Change Nr. 8902		
7	470 - U543	Zeit-Rastenhebel an Stelle v. 322 - U543	 470-U543
	click stop lever for speed setting ring	inst. of 522 - U543	
8	470 - 546	Rastenhebelfeder an Stelle v. 522 - 546	 470-546
		notch lever spring inst. of 522 - 546	
9			
	Änderung Nr. 8993 Change Nr. 8993		
10	346 - 465	Unterlegscheibe	 346-465
		washer	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8688	1	24. 11. 58	8993	10	24. 11. 58			
8814	3	" " "						
8886	5	" " "						
8902	7, 8	" " "						

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 522	Geänderte Teile / Changed parts	Liste besteht aus Blatt ... Blatt Nr. 3 Gepr. ... Gefertigt: 24. 11. 58

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9015 / Change Nr. 9015		
2	257 - 132	Treibfeder an Stelle v. 377 - 132	 257-132
		drive spring inst. of 377 - 132	
3			
	Änderung Nr. 9083 / Change Nr. 9083		
4	522 - U1.1	Kapsel (ohne Skizze) wird nicht abgegeben an Stelle v. 522 - U1	
		housing (with. sketsch) connot be supplied inst. of 522 - U1	
5			
	Änderung Nr. 9165 / Change Nr. 9165		
6	522 - U137.1	Einstellring an Stelle v. 522 - U137	
		speed setting ring inst. of 522 - U137	
7			
	Änderung Nr. 9364 / Change Nr. 9364		
8	0475 - 117	Sektorenscheibe an Stelle v. 396 - 117	 0475-117
		shutter blade washer inst. of 396 - 117	
9			
	Änderung Nr. 9373 / Change Nr. 9373		
10	520 - 117	Sektorenscheibe an Stelle v. 0475 - 117	 520-117
		shutter blade washer inst. of 0475 - 117	

Änderungszustand dieses Blattes

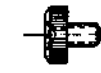
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9015	2	24. 11. 58	9373	10	24. 3. 59			
9083	4	25. 11. 58						
9165	6	24. 3. 59						
9364	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 522

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 24.3.59 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9383 Change Nr. 9383		
2	475 - 111	Kontakthebel an Stelle v. 322-111	 475-111
		contact lever inst. of 322-111	
3			
	Änderung Nr. 9411 Change Nr. 9411		
4	497 - U173	Kontaktplatte an Stelle v. 396h1-U173	 497-U173
		contact plate inst. of 396h1-U173	
5			
	Änderung Nr. 9577 Change Nr. 9577		
6	299 - 251 522 - 250	Rändelmutter Rändelschr. an Stelle v. 522-165	 299-251  522-250
		knurled nut knurled screw inst. of 522-165	
7			
	Änderung Nr. 9618 Change Nr. 9618		
8	496 - U96.1	Spannhebel an Stelle v. 496-U96	 496-U96.1
		cocking lever inst. of 496-U96	
9			
	Änderung Nr. 297 Change Nr. 297		
10	X 496 - 118	Sektorenschr. an Stelle v. 257-118	 X496-118
		shutter blade screw inst. of 257-118	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9383	2	24. 3. 59	297	10	19. 1. 60			
9411	4	" " "						
9577	6	19. 1. 60						
9618	8	" " "						

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 00522	Geänderte Teile Changed parts	Liste besteht aus Blatt ..... Blatt Nr. 5 Gepr. ..... Gefertigt: 22.1.60 Fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 319 / Change Nr. 319		
2	476 - U5	Irislamelle 5 Stück an Stelle v. 00491-U5 / diaphragm blade 5pcs. inst. of 00491-U5	 476-U5
3			
	Änderung Nr. 475 / Change Nr. 475		
4	555 - 119.1	Zeithebel an Stelle v. 00375-119.1 / B-lever inst. of 00375-119.1	 555-119.1
5			
6			
7			
8			
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
319	2	22. 1. 60						

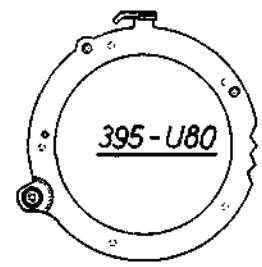
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

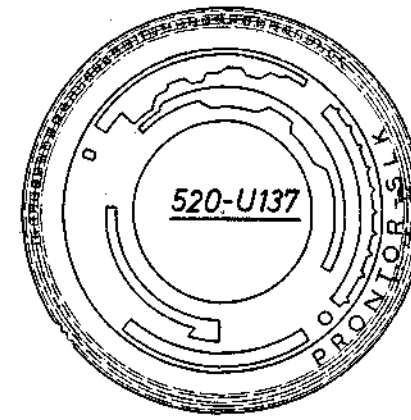
Mod. 520

Liste besteht aus Blatt 1-4
Blatt Nr. 1 | Gepr.
Gefertigt: 24.9.57 fe.
Anz. d. Änd.-Bl.: 1,2,3,4,5,6,

Teil Nr.:	Teilbenennung:
395 - U80	Antriebring
	drive ring
520 - U137	Einstellring
	speed setting ring
520 - U143	Frontplatte
	front plate
346 - U85.1	Fingerhebel
	trigger release
520 - U702	Halteplatte 3 Stück
	holding plate 3 pcs.
375 - U5	Irislamelle 5 Stück
	diaphragm blade 5 pcs.
520 - U7	Iriszeigerring
	diaphragm pointer ring
520 - U1	Kapsel
	housing
520 - U580	Kupplungshebel
	coupling lever
396h1 - U173	Kontaktplatte
	contact plate
345s15-U226	Kontakthebel 2
	contact lever 2
375 - U543	Rastenhebel
	notched lever
496 - U96	Spannhebel
	cocking lever

Teil:



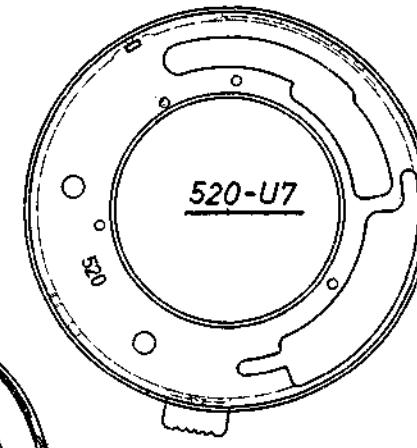


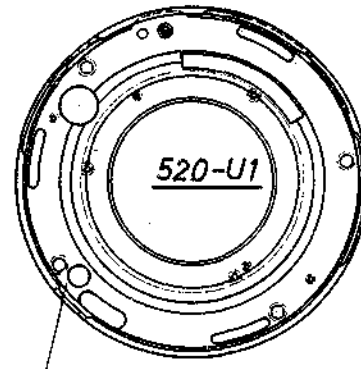
520-U143
(ohne Skizze)
(without sketsch)

346-U85.1

520-U702

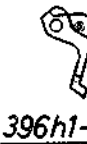
375-U5





wird nicht abgegeben
cannot be supplied

520-U580



396h1-U173

375-U543

496-U96

345s15-U226

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

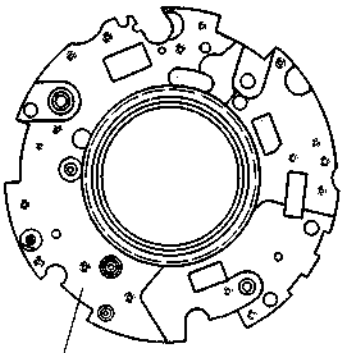
Mod. 520

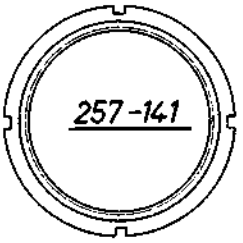
Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 24.9.57 K.

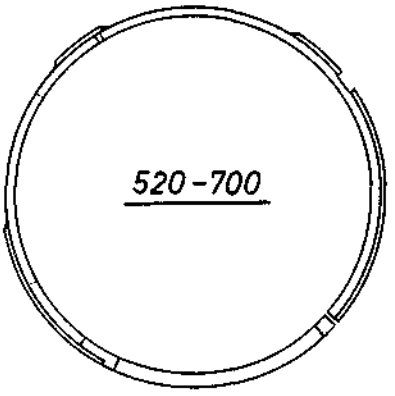
Teil Nr.:	Teilbenennung:
345-U437.2	Spannarm 2
	cocking arm 2
520-U15	Werkteil
	base plate
257-141	Anschraubring
	flange
381-106	Auslöshebel
	release lever
520-700	Blendenring
	diaphragm ring
520-134	Blendenbogen
	diaphragm band
1.7 DIN 6799	Benzing-Sicherung (ohne Skizze)
	benzing fuse (with. sketsch)
295-139	Frontplatenring
	front plate ring
475-538	Haltefeder
	supporting spring
475-8	Irisscheibe
	diaphragm disc
475-10	Irisdeckscheibe
	diaphragm covering disc
476-583	Kupplungsfeder
	coupling spring
322-111	Kontakthebel 1
	contact lever 1
475-237	Rastenfeder
	notched spring
314-116	Sektor 5 Stück
	shutter blade 5 pcs.
396-117	Sektorenscheibe 5 Stck.
	shutter blade disc 5 pcs.
375-433	Spannarm 1
	cocking arm 1
345-434	Spannarmscheibe
	cocking arm disc

Teil:

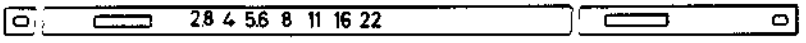

345-U437.2


520-U15
wird nicht abgegeben
cannot be supplied

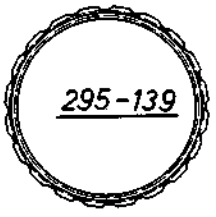

257-141

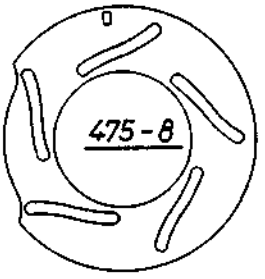

520-700


381-106

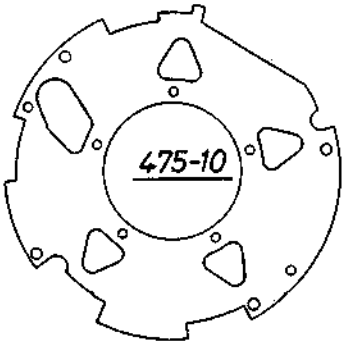


520-134


295-139


475-8


475-538

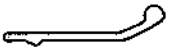

475-10


322-111


314-116


396-117


476-583


475-237


345-434


375-433

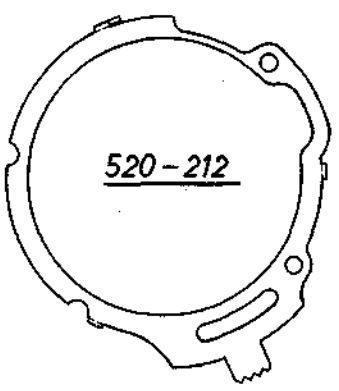
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

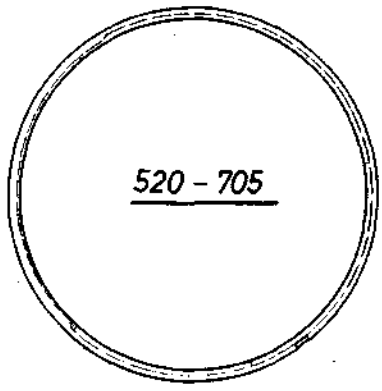
Mod. 520

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 24.9.57 fe.

Teil Nr.:	Teilbenennung:
520 - 212	Umstellring
	synchro switch ring
520 - 705	Zeitenring
	speed scale ring
375 - 119.1	Zeithebel
	time lever
309 - 255	Zeithebelunterlagscheibe
	time lever washer
520 - 534	Zeitenbogen
	time band
476 - G20	Hemmwerk
	slow speed assembly
375 - G49	Vorlaufwerk
	delayed action device
346 - 107	Auslöshebelschr.
	release lever screw
476 - 135	Blendenbogenschr. 2Stck
	index plate screw 2pcs.
375 - 443	Bef.-Schr. f. Vlfw. lang
	fixing screw for d.a., long
257 - 157	Bef.-Schr. f. Vlfw. kurz
	fixing screw for d.a., short
280 - 136	Bef.-Schr. f. HW lang
	fixing screw for s.s.a. long
280 - 138	Bef.-Schr. f. HW kurz
	fixing screw for s.s.a. short
0257 - 146	Fingerhebelschr.
	trigger release screw
335 - 272	Haltefederschr.
	holding spring screw
520 - 704	Halteplattenschr. 3 Stck
	holding plate screw 3pcs.

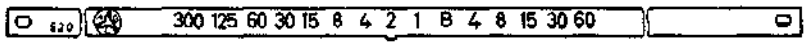
Teil:



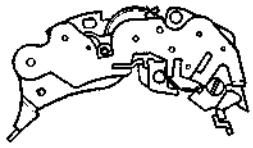


375-119.1

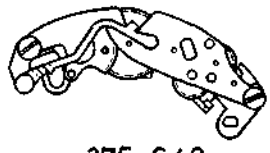
309 – 255



520-534



476-G20

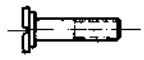


375-G49

wird nur als Ganzes abgegeben
only complete assembly can be supplied

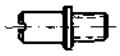
346-107

476-135



375-443

257-157



280-136

280-138

0257-146

335-272

520-704

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 520

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 24.9.57 Le.

Teil Nr.:	Teilbenennung:
475 - 575	Irisz eigerringschr. 3 Stck.
	diaphragm index ring screw 3pcs.
355 - 11	Irisdeckscheibenschr. 2Stck.
	diaphragm covering disc screw 2pcs.
476 - 135	Kupplungsfederschr.
	coupling spring screw
280 - 112	Kontakthebelbüchse
	contact lever bushing
257 - 113	Kontakthebelschr.
	contact lever screw
1x5.8 KS 8 DIN 1475	Knebelkerbstift (ohne Skizze)
	notched pin (with sketsch)
395 - 127	Ringfederanschlagschr.
	stop screw for ring spring
280 - 128	Ringfederschr.
	ring spring screw
257 - 118	Sektorenschr. 5 Stck.
	shutter blade screw 5pcs.
381 - 435	Spannarmschr.
	cocking arm screw
241 - 107	Werkteilschr. 3 Stück
	base plate screw 3pcs.
257 - 120	Zeithebelschr.
	time lever screw
476 - 135	Zeitenbogenschr. 2 Stck.
	time band screw
375 - 109	Auslöshebelfeder
	release lever spring
295 - 129	Antriebringfeder
	drive ring spring
345 - 130	Fingerhebelfeder
	trigger release spring
295 - 230	Kontakthebelfeder 2
	contact lever spring 2
375 - 546	Rastenhebelfeder
	notched lever spring
475 - 541	Rücklauffeder
	return spring
375 - 132	Treibfeder
	drive spring
345 - 104	Treibklinkenfeder
	driving latch spring
345 - 133	Vorlaufwerkfeder spring for del. act. device
346 - 121	Zeithebelfeder Time lever spring

Teil:


475 - 575


355-11


476-135


280-112


257-113


395-127

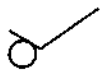

280-128


257-118


381-435


241-107


257-120


375-109


295-129

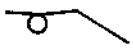

345-130


295-230


375-546


475-541


375-132


345-104

345-133


346-121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 520

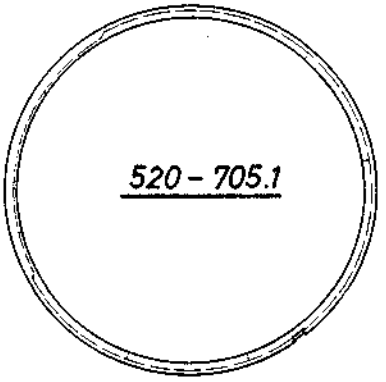
Geänderte Teile
Changed parts

Liste besteht aus Blatt 1,2,3,4,5,6
Blatt Nr. 1 | Gepr. .....
Gefertigt: 24.9.57 le.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 7955 Change Nr. 7955		
2	520 - U580.1	Kupplungshebel an Stelle v. 520-U580	
		coupling lever inst. of 520 - U580	
3			
	Änderung Nr. 7956 Change Nr. 7956		
4	476 - 583.1	Kupplungsfeder an Stelle v. 476 - 583	
		coupling spring inst. of 476 - 583	
5			
	Änderung Nr. 8178 Change Nr. 8178		
6	520 - U1.1	Kapsel (ohne Skizze) wird nicht abgegeben an Stelle v. 520 - U1	
		housing (with. sketsch) cannot be supplied inst. of 520 - U1	
7			
	Änderung Nr. 8179 Change Nr. 8179		
8	520 - 705.1	Zeitenring an Stelle v. 520-705	
		speed skale ring inst. of 520 - 705	
9			
	Änderung Nr. 8270 Change Nr. 8270		
10	520 - U1.2	Kapsel (ohne Skizze) wird nicht abgegeben an Stelle v. 520 - U1.1	
		housing (with. sketsch) cannot be supplied inst. of 520 - U1.1	

520-U580.1

476-583.1



520 – 705.1

Fortsetzung zu Änd. 8270 auf Bl. Nr. 2
continuation of change Nr. 8270 on sheet 2

Änderungszustand dieses Blattes

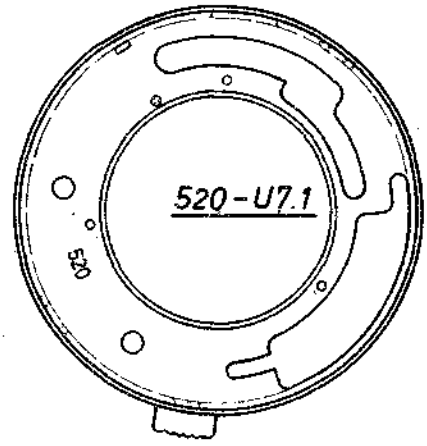
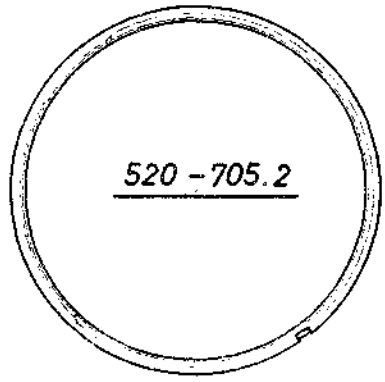
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7955	2	24.9.57	8270	10	13.3.58			
7956	4	12.3.58						
8178	6	" " "						
8179	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 520

Geänderte Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 2 | Gepr.
Gefertigt: 13.3.58 fe.

Lfd. Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	496 - U15	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 520-U15 base plate (with. sketsch) cannot be supplied inst.of 520-U15	
2	520 - U583	Kupplungsfeder an Stelle v. 520-U580.1 u. 476-583.1 coupling spring inst.of 520-U580.1 and 476-583.1	 520-U583
3	410 - 579	Griffstückhülle 2 Stück actuation handle sleeve, 2pcs.	 410-579
4	476 - 135	Kupplungsfederschr. 2 Stck. an Stelle v. 1 Stück coupling spring screw 2pcs. inst. of 1 pcs.	 476-135
5	520 - U7.1	Iriszeigerring an Stelle v. 520-U7 diaphragm pointer ring inst.of 520-U7	 520-U7.1
6	520 - 705.2	Zeitenring: an Stelle v. 520-705.1 speed skale ring inst.of 520-705.1	 520-705.2
7			
8			
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8270	1,2,3,4,5,6	13.3.58						

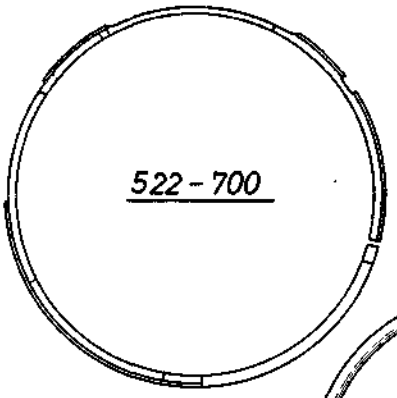
Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

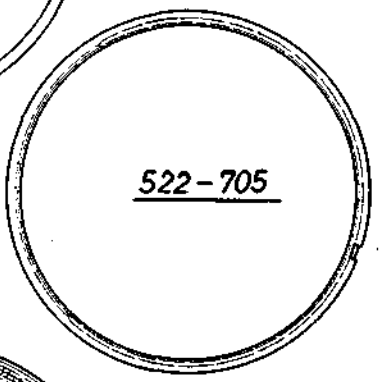
Mod. 520

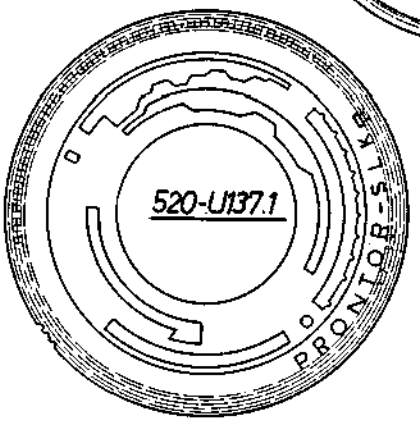
Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 14.3.58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 8372 Change Nr. 8372	
2	522 - 700	Blendenring an Stelle v. 520 - 700
		diaphragm ring inst. of 520 - 700
3	522 - 705	Zeitenring an Stelle v. 520 - 705.2
		speed skale ring inst. of 520 - 705.2
4	520 - U137.1	Einstellring an Stelle v. 520 - U137
		speed setting ring inst. of 520 - U137
5		
	Änderung Nr. 8484 Change Nr. 8484	
6	475 - G49	Vorlaufwerk an Stelle v. 375 - G49
		delayed action device inst. of 375 - G49
7		
	Änderung Nr. 8497 Change Nr. 8497	
8	520 - U583.1	Kupplungsfeder an Stelle v. 520 - U583
		coupling spring inst. of 520 - U583
9		
	Änderung Nr. 8554 Change Nr. 8554	
10	476 - 587	Kupplungsfederschr. an Stelle v. 476 - 135
		coupling spring screw inst. of 476 - 135

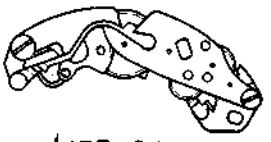






Die Teile 522-700; 522-705; 520-U137.1 müssen zusammen ausgetauscht werden.

These parts 522-700; 522-705; 520-U137.1 must be delivered together.



475-G49
wird nur als Ganzes abgegeben
only complete assembly can be supplied

520-U583.1

476-587

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8372	2,3,4	14.3.58						
8484	6	3.4.58						
8497	8	" " "						
8554	10	20.8.58						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 520

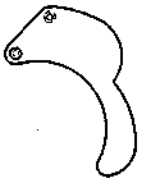
Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 20.8.58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 8637 Change Nr. 8637		
2	520 - G20	Hemmwerk an Stelle v. 476 - G20	
		slow speed assembly inst. of 476 - G20	
3			
	Änderung Nr. 8756 Change Nr. 8756		
4	491 - U5	Irislamelle 5 Stück an Stelle v. 375 - U5	
		diaphragm blade 5 pcs. inst. of 375 - U5	
5			
	Änderung Nr. 8886 Change Nr. 8886		
6	476 - 135	Kupplungsfederschr. an Stelle v. 476 - 587	
		coupling spring screw inst. of 476 - 587	
7			
	Änderung Nr. 8993 Change Nr. 8993		
8	346 - 465	Unterlegscheibe	
		washer	
9			
	Änderung Nr. 9364 Change Nr. 9364		
10	0475 - 117	Sektorenscheibe an Stelle v. 396 - 117	
		shutter blade washer inst. of 396 - 117	

520-G20

wird nur als Ganzes abgegeben
only complete assembly can be supplied



491 - U 5

476-135

346-465

0475-117

Änderungszustand dieses Blattes

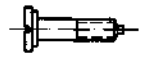
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8637	2	20.8.58	9364	10	25.3.59			
8756	4	" " "						
8886	6	21.10.58						
8993	8	25.3.59						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 520

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt: 25.3.59 Le.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9373 Change Nr. 9373		
2	520 - 117	Sektorenscheibe an Stelle v. 0475-117	 520-117
		shutter blade washer inst. of 0475-117	
3			
	Änderung Nr. 9383 Change Nr. 9383		
4	475 - 111	Kontakthebel an Stelle v. 322-111	 475-111
		contact lever inst. of 322-111	
5			
	Änderung Nr. 9618 Change Nr. 9618		
6	496 - U96.1	Spannhebel an Stelle v. 496-U96	 496-U96.1
		cocking lever inst. of 496-U96	
7			
	Änderung Nr. 129 Change Nr. 129		
8	491 - 443	Bef. Schr. f. Vlfw. lang an Stelle v. 375-443	 491-443
		fixing screw for del. act. dev. long inst. of 375-443	
9			
	Änderung Nr. 175 Change Nr. 175		
10	X476 - U226	Kontakthebel an Stelle v. 345s15-U226	 X476-U226
		contact lever inst. of 345s15 - U226	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9373	2	25.3.59	175	10	21. 1. 60			
9383	4	" " "						
9618	6	20. 8. 59						
129	8	21. 1. 60						

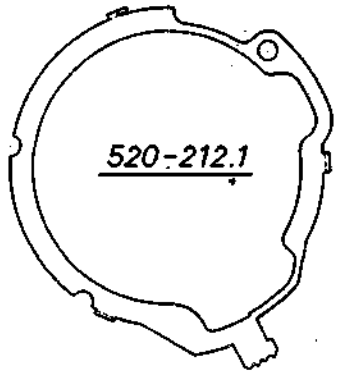
Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 520

Geänderte Teile
Changed parts

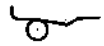
Liste besteht aus Blatt .....
Blatt Nr. 6 | Gepr. .....
Gefertigt: 21.1.60 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 250 Change Nr. 250		
2	520 - 212.1	Umstellring an Stelle v. 00520-212	
		synchro switch ring inst. of 00520-212	
3			
	Änderung Nr. 297 Change Nr. 297		
4	X 496 - 118	Sektorenschr. an Stelle v. 00257-118	
		shutter blade screw inst. of 00257-118	
5			
	Änderung Nr. 300 Change Nr. 300		
6	X 546 - 129	Antriebringfeder an Stelle v. 00295-129	
		drive ring spring inst. of 00295-129	
7			
	Änderung Nr. 319 Change Nr. 319		
8	476 - U5	Irislamelle 5 Stück an Stelle v. 00491-U5	
		diaphragm blade 5 pcs. inst. of 00491-U5	
9			
	Änderung Nr. 475 Change Nr. 475		
10	555 - 119.1	Zeithebel an Stelle v. 00375-119.1	
		time lever inst. of 00375-119.1	



520-212.1

X496-118



X546-129

476 - U5

555-119.1

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
250	2	21.1.60	475	10	2.11.64			
297	4	" " "						
300	6	" " "						
319	8	" " "						

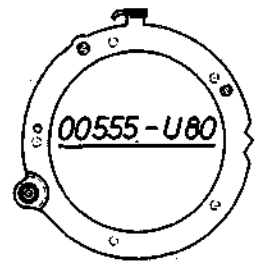
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00555

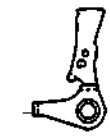
Liste best. aus Bl. 1-5	Bl. Nr. 1
Gefertigt 1.6.59 fe.	Gepr.
Anz. der Änd.-Bl. 1-8	

Teil Nr.:	Teilbenennung:
00555 - U80	Antriebring
	drive ring
00555 - U760	Blendenhebel
	diaphragm lever
00346 - U85.1	Fingerhebel
	trigger release
00555 - U143	Frontplatte (ohne Skizze)
	front plate (with. sketch)
00555 - U785	Hohltrieb
	hollow pinion
00555 - U10	Irisdeckscheibe
	diaphragm cover disc
00555 - U1	Kapsel
	housing
00555 - U583	Kupplungsfeder
	coupling spring
00555 - U5	Lamelle 5 Stck.
	diaphragm blade 5 pcs.
00555 - U780	Segmentring
	segment ring
00555 - U96	Spannhebel
	cocking lever
00555 - U15	Werkteil
	base plate

Teil:

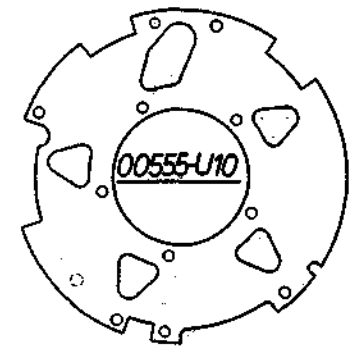


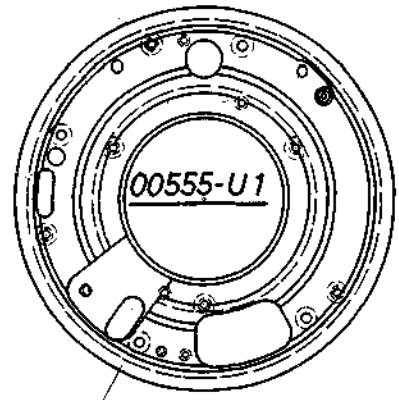
00555-U760



00346-U85.1

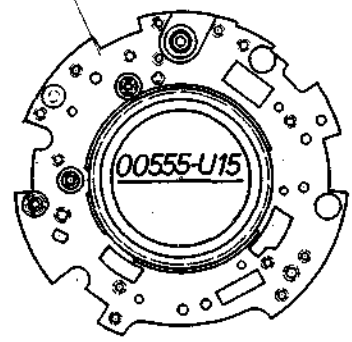
00555-U785





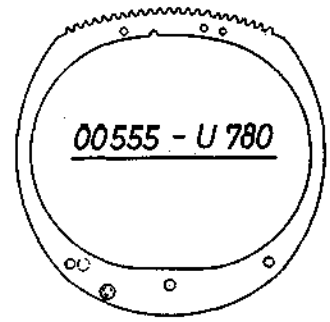
00555-U583

wird nicht abgegeben
cannot be supplied



00555-U5

00555-U96



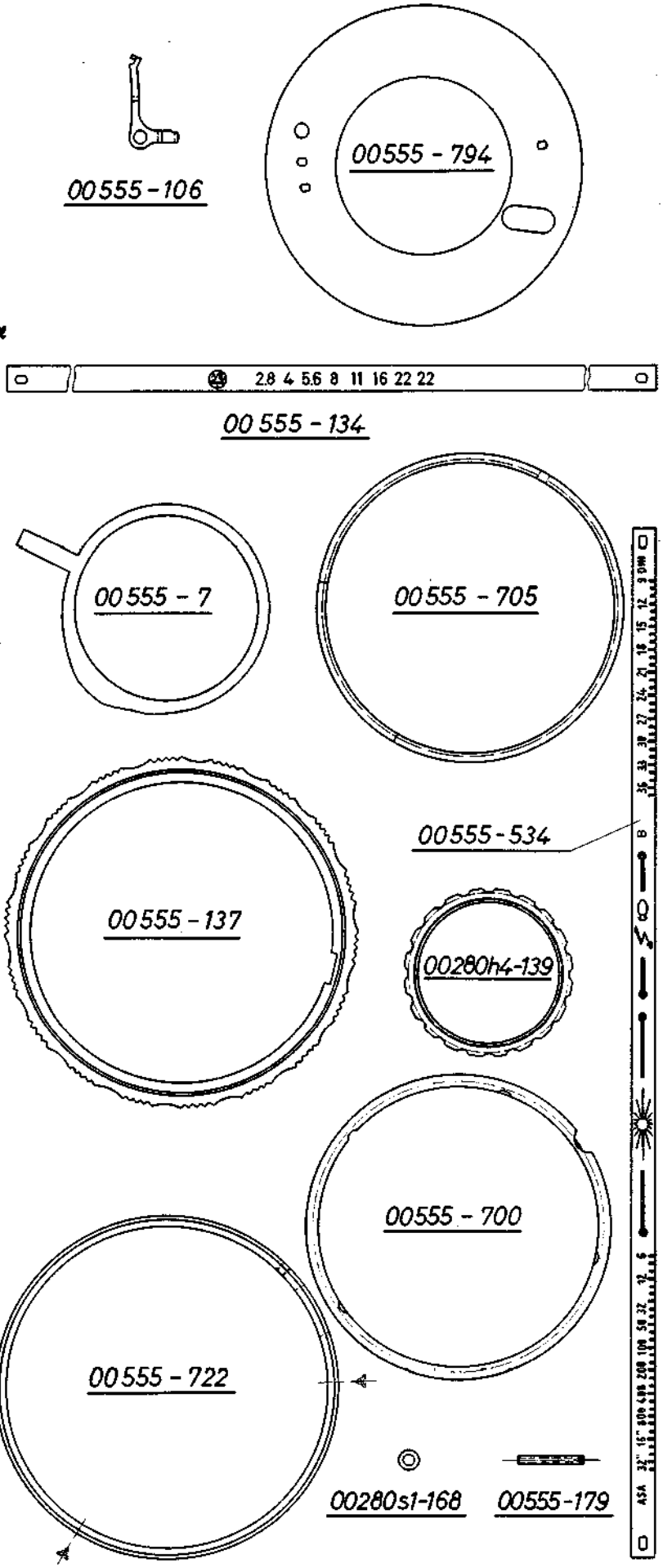
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00555

Liste best. aus Bl.	Bl. Nr. 2
Gefertigt 1.6.59	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
00555 - 106	Auslöshebel
	release lever
00555 - 794	Boden
	bottom
00555 - 134	Blendenbogen
	diaphragm band
00555 - 7	Blendenring
	diaphragm ring
00555 - 705	Beli-Kurvenring
	exposure meter control ring
1.7 DIN 6799	Benzing-Sicherung ohne Skizze
	Benzing-fuse with sketch
00555 - 534	Einstellbogen
	scale band
00555 - 137	Einstellring
	speed setting ring
00280h4-139	Frontplattenring
	front plate ring
00555 - 722	Filmempfindlichkeitsring
	film sensitivity ring
00555 - 700	Haltering f. Kurvenring
	holding ring for control ring
00280s1 - 168	Isolationsscheibe
	insulating disc
00555 - 179	Isolierschlauch
	insulating valve

Teil:



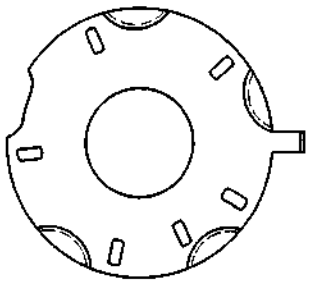
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00555

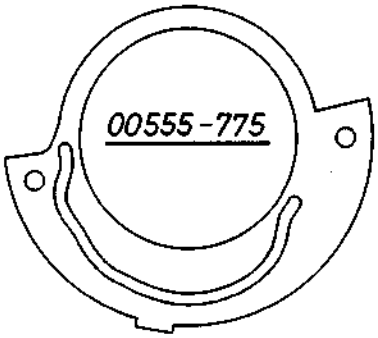
Liste best. aus Bl.	Bl. Nr. 3
Gefertigt 1.6.59 Le.	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
00555 - 8	Irisscheibe
	diaphragm disc
00555 - 775	Kurvenscheibe
	control disc
00555 - 173	Kontaktplatte 1
	contact plate 1
00555 - 173a	Kontaktplatte 2
	contact plate 2
00555 - 767	Kurzschlussfeder 1
	short circuiting spring 1
00555 - 768	Kurzschlussfeder 2
	short circuiting spring 2
00555 - 772	Rastenring
	notch ring
00555 - 24	Steuerscheibe
	control disc
00555 - 765	Spannhebelanschlag
	cocking lever stop
00555 - 116	Sektor 5 Stück
	shutter blade 5pcs.
0475 - 117	Sektorenscheibe 5 Stück
	shutter blade washer 5pcs.
00346 - 465	Unterlegscheibe
	washer
00555 - 790	Zeigerring 1
	pointer ring 1
00555 - 791	Zeigerring 2
	pointer ring 2
00555 - 119	Zeithebel
	B- lever
00309 - 255	Zeithebelunterlegsch.
	B-lever washer

Teil:



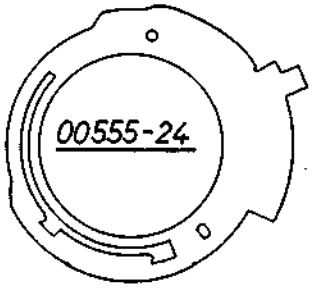
00555 - 8



00555 - 775

00555-173

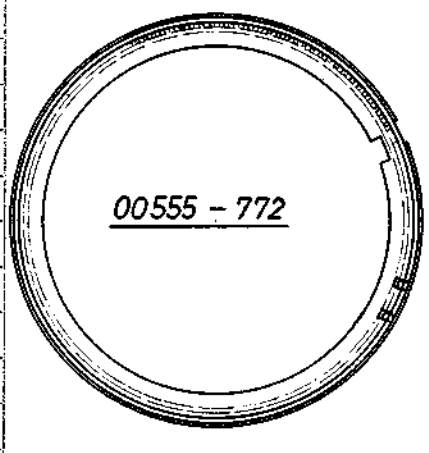
00555-173a



00555 - 24

00555-767

00555-768



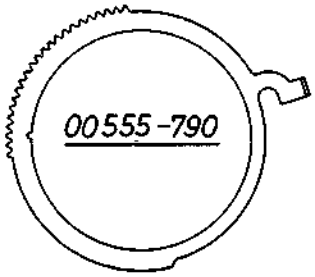
00555 - 772

00555-765

00555 - 116

0475-117

00346-465



00555 - 790

00555 - 791

00555-119

00309-255

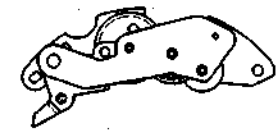
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00555

Liste best. aus Bl.	Bl. Nr. 4
Gefertigt 1.6.59 le.	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
00555 - G20	Hemmwerk
	slow speed assembly
0475 - 435	Auslöshebelschr.
	release lever screw
00555 - 135	Blendenbogenschr. 2 Stck.
	diaphragm band screw 2pcs.
00499 - 135	Bef. Schr. f. HW 2 Stück
fixing screw for slow speed assembly 2pcs.	
00491 - 683	Blendenringschr. 3 Stück
	diaphragm ring screw 3pcs.
00555 - 135	Einstellbogenschr. 2 Stck.
	scale band screw 2 pcs.
0257 - 146	Fingerhebelschr.
	trigger release screw
00555 - 701	Halteringschr. 3 Stück
	holding ring screw 3 pcs.
00355 - 11	Irisdeckscheibenschr. 2 Stck.
	diaphragm cover disc screw 2pcs.
241 - 146	Isolationsbüchse
	insulating bushing
KS 8 1x5.8 DIN 1475	Knebelkerbstift ohne Skizze
	pin as per DIN with. sketch
00429 - 47	Kontaktschr.
	contact screw
00555 - 584	Kupplungsfederschr.
	coupling spring screw
00395 - 127	Ringfederanschlagschr.
	stop screw for ring spring
00280 - 128	Ringfederschr.
	ring spring screw
00499 - 135	Spannhebelanschlagschr.
	cocking lever stop screw
00257 - 118	Sektorenschr. 5 Stck.
	shutter blade screw 5pcs.
241 - 107	Werkteilschr. 3 Stück
	base plate screw 3pcs.
00257 - 120	Zeithebelschr.
	B-lever screw

Teil:



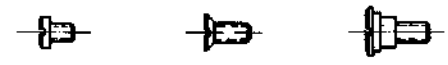
00555 - G20

wird nur als Ganzes abgegeben
only complete assembly can be supplied

0475 - 435 | 00555-135 | 00499-135 | 00491-683

0257-146 | 00555-701 | 00355-11 | 241-146

00429-47 | 00555-584 | 00395-127 | 00280-128



00257-118 | 241-107 | 00257-120

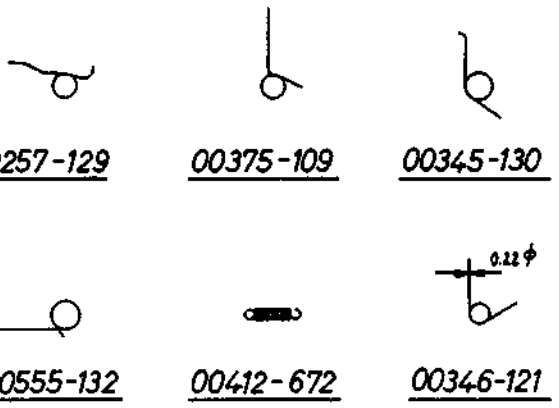
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00555

Liste best. aus Bl.	Bl. Nr. 5
Gefertigt 1.6.59 fe.	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
00257- 129	Antriebringfeder
	drive ring spring
00375- 109	Auslöshebelfeder
	release lever spring
00345- 130	Fingerhebelfeder
	trigger release spring
00555- 132	Spannhebelfeder
	cocking lever spring
00412- 672	Zugfeder
	tension spring
00346- 121	Zeithebelfeder
	B-lever spring

Teil:



00257-129 | 00375-109 | 00345-130

00555-132 | 00412-672 | 00346-121

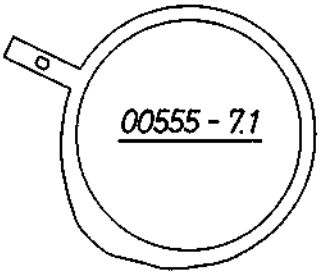
Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

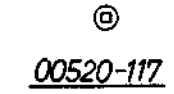
Mod. 00555

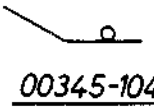
Geänderte Teile
Changed parts

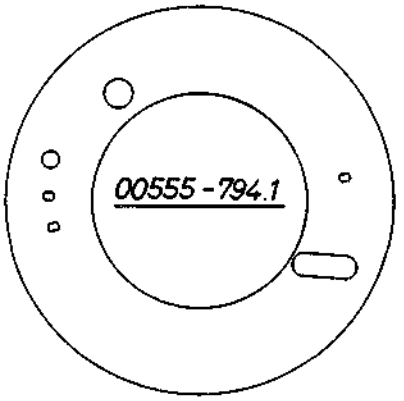
Liste besteht aus Blatt 1-8
Blatt Nr. 1 | Gepr. .....
Gefertigt: 1.6.59 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung	Teil:
1			
	Änderung Nr. 9371a Change Nr. 9371a		
2	00555 - 7.1	Blendenring an Stelle v. 00555-7	
		diaphragm ring inst. of 00555-7	
3			
	Änderung Nr. 9373 Change Nr. 9373		
4	00520 - 117	Sektorenscheibe an Stelle v. 0475-117	
		shutter blade washer inst. of 0475-117	
5			
	Änderung Nr. 9374 Change Nr. 9374		
6	00345 - 104	Treibklinkenfeder	
		driving latch spring	
7			
	Änderung Nr. 9387 Change Nr. 9387		
8	00555 - 794.1	Boden an Stelle v. 00555-794	
		bottom inst. of 00555-794	
9			
	Änderung Nr. 9500 Change Nr. 9500		
10	00555 - 783	Ausgleichfeder	
		compensating spring	









Änderungszustand dieses Blattes

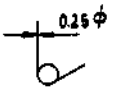
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9371a	2	1.6.59	9500	10	1. 6. 59			
9373	4	" "						
9374	6	" "						
9387	8	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00555

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 1. 6. 59 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9570 Change Nr. 9570		
2	00555-U760.1	Blendenhebel an Stelle v. 00555-U760	 00555-U760.1
		diaphragm lever inst. of 00555-U760	
3			
	Änderung Nr. 9651 Change Nr. 9651		
4	00555 - 121	Zeithebelfeder an Stelle v. 00346-121	 00555-121
		B-lever spring inst. of 00346-121	
5			
	Änderung Nr. 9796a Change Nr. 9796a		
6	555 - 766	Blendenhebelfeder an Stelle v. 00412-672	 555-766
		diaphragm lever spring inst. of 00412-672	
7			
	Änderung Nr. 9864 Change Nr. 9864		
8	555 - 121	Zeithebelfeder an Stelle v. 00346-121	 555-121
		B-lever spring inst. of 00346-121	
9			
	Änderung Nr. 9880 Change Nr. 9880		
10	555 - 129	Antriebringfeder an Stelle v. 00257-129	 555-129
		drive ring spring inst. of 00257-129	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9570	2	1. 6. 59	9880	10	27. 11. 59			
9651	4	" " "						
9796a	6	27. 11. 59						
9864	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00555

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 27.11.59 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9917 Change Nr. 9917		
2	597 - U96	Spannhebel an Stelle v. 555-U96	 597-U96
		cocking lever inst. of 555-U96	
3			
	Änderung Nr. 9950 Change Nr. 9950		
4	555 - 144	Frontplattenwinkel	 555-144
		locating plate	
5	0257a1 - 194	Frontplattenwinkelschr.	 0257a1-194
		locating plate screw	
6			
	Änderung Nr. 203 Change Nr. 203		
7	555 - U785.1	Hohltrieb an Stelle v. 555-U785	 555-U5.1
		hollow pinion inst. of 555-U785	
8			
	Änderung Nr. 279 Change Nr. 279		
9	555 - U5.1	Irislamelle an Stelle v. 555-U5	 555-U785.1
		diaphragm blade inst. of 555-U5	
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9917	2	27.11.59						
9950	4, 5	" " "						
203	7	" " "						
279	9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00555

Geänderte Teile
Changed parts

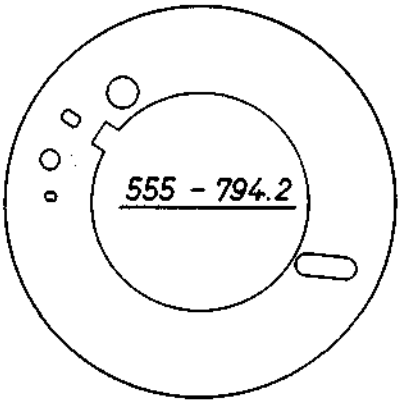
Liste besteht aus Blatt ...
Blatt Nr. 4 | Gepr. ...
Gefertigt: 10. 3. 61 fr.

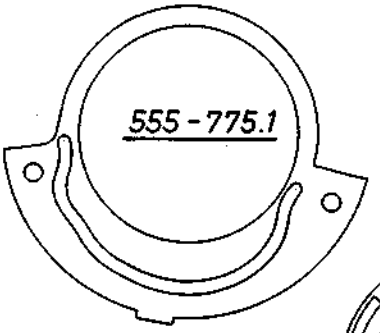
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 297 Change Nr. 297	
2	X 496 - 118	Sektorenschr. an Stelle v. 257-118
		shutter blade screw inst. of 257 - 118
3		
	Änderung Nr. 301 Change Nr. 301	
4	X 546 - 129	Antriebringfeder an Stelle v. 555 - 129
		drive ring spring inst. of 555 - 129
5		
	Änderung Nr. 370 Change Nr. 370	
6	555 - U15.1	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 555 - U15
		base plate with. sketch cannot be supplied inst. of 555 - U15
7	555 - 794.2	Boden an Stelle v. 555 - 794.1
		bottom inst. of 555 - 794.1
8	555 - 775.1	Kurvenscheibe an Stelle v. 555 - 775
		control cam inst. of 555 - 775
9	555 - 24.1	Steuerscheibe an Stelle v. 555-24
		control disc inst. of 555 - 24
10		

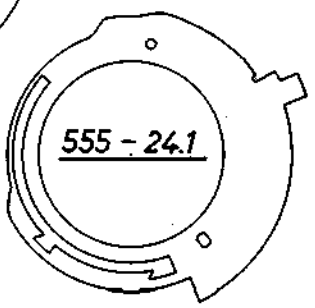
Teil:

X496-118

X546-129







Änderungszustand dieses Blattes

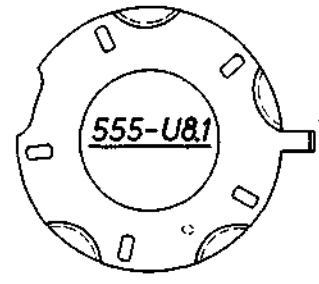
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
297	2	10. 3. 61						
301	4	" " "						
370	6, 7, 8, 9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00555

Geänderte Teile / Changed parts

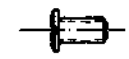
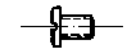
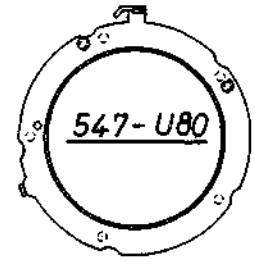
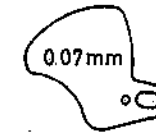
Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt: 10.3.61 fe

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 475 Change Nr. 475		
2	555 - 119.1	Zeithebel an Stelle v. 555-119	 555-119.1
		B-lever inst. of 555-119	
3			
	Änderung Nr. 476 Change Nr. 476		
4	X496 - 107	Auslöshebelschr. an Stelle v. 0475-435	 X496-107
		release lever screw inst. of 0475-435	
5			
	Änderung Nr. 480 Change Nr. 480		
6	555 - U760.2	Blendenhebel an Stelle v. 555-U760.1	 555-U760.2
		diaphragm lever inst. of 555-U760.1	
7	555 - U8.1	Irisscheibe an Stelle v. 555-8	 555-U8.1
		diaphragm disc inst. of 555-8	
8			
	Änderung Nr. 626 Change Nr. 626		
9	X547 - U96	Spannhebel an Stelle v. 597-U96	 X547-U96
		cocking lever inst. of 597-U96	
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
475	2	10.3.61						
476	4	" " "						
480	6, 7	" " "						
626	9	" " "						

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 00555	Geänderte Teile Changed parts	Liste besteht aus Blatt .... Blatt Nr. 6 | Gepr. .... Gefertigt: 10.3.61 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 851 Change. Nr. 851		
2	1514-30-4110	Bef. Schr. f. HW an Stelle v. 499-135	 1514-30-4110
	fixing screw for	slow speed assembly inst. of 499-135	
3			
	Änderung Nr. 1268 Change Nr. 1268		
4	555 - G20.1	Hemmwerk an Stelle v. 555-G20	 555 - G20.1 wird nur als Ganzes abgegeben only complete assembly can be supplied
		slow speed assembly inst. of 555-G20	
5			
	Änderung Nr. 1411 Change Nr. 1411		
6	X 549 - 812	Ringanschlag	 X549-812
		ring stop	
7	1514-20-5110	Ringanschlagschr.	 1514-20-5110
		ring stop screw	
8			
	Änderung Nr. 1567 Change Nr. 1567		
9	547 - U80	Antriebring an Stelle v. 555-U80	 547-U80
		drive ring inst. of 555-U80	
10	476 - 116	Sektor an Stelle v. 555-116	 0.07mm 476-116
		shutter blade inst. of 555-116	

Änderungszustand dieses Blattes

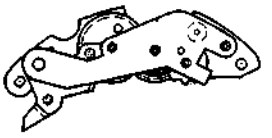
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
851	2	10.3.61						
1268	4	" " "						
1411	6, 7	" " "						
1567	9, 10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00555

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 7 | Gepr. .....
Gefertigt: 13. 11. 64 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 1731 Change Nr. 1731		
2	GN 117 12 7 001823	Spannhebelanschl.Schr. an Stelle v. 00499-135	 7 001 823
		cocking lever stop screw inst. of 00499-135	 7 000 376
3			
	Änderung Nr. 1865 Change Nr. 1865		
4	GN 119 12 7 000 376	Kontaktschr. an Stelle v. 00429-47	 555 - G20a.1 wird nur als Ganzes abgegeben only complete assembly can be supplied
		contact screw inst. of 00429-47	
5			
	Änderung Nr. 1940 Change Nr. 1940		
6	555 - G20a.1	Hemmwerk an Stelle v. 555-G20.1	
		slow speed assembly inst. of 555-G20.1	
7			
	Änderung Nr. 1941 Change Nr. 1941		
8	X 476 - 107	Auslöshebelschr. an Stelle v. X496-107	 X 476-107
		release lever screw inst. of X496-107	
9			
	Änderung Nr. 2084 Change Nr. 2084		
10	0257 - 146.1	Fingerhebelschr. an Stelle v. 0257-146	 0257-146.1
		trigger release screw inst. of 0257-146	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
1731	2	13. 11. 64	2084	10	13. 11. 64			
1865	4	" " "						
1940	6	" " "						
1941	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00555

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 8 | Gepr. .....
Gefertigt: 16.11.64 fe.

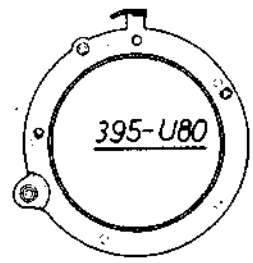
Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 2847 Change Nr. 2847		
2	546 - 121	Zeithebelfeder an Stelle v. 346 - 121	 546-121
		B-lever spring inst. of 346 - 121	
3			
	Änderung Nr. 2848 Change Nr. 2848		
4	491 - 130	Fingerhebelfeder an Stelle v. 00345 - 130	 491-130
		trigger release spring inst. of 00345 - 130	
5			
	Änderung Nr. 3105 Change Nr. 3105		
6	546 - U119	Zeithebel an Stelle v. 555 - 119.1	 546-U119
		B-lever inst. of 555 - 119.1	
7			
	Änderung Nr. 3441 Change Nr. 3441		
8	GN 101 05 7 001 024	Frontplattenwinkelschr. an Stelle v. 0257a1 - 194	 7 001 024
		locating plate screw inst. of 0257a1 - 194	
9			
	Änderung Nr. 4128 Change Nr. 4128		
10	X546 - 129.1	Antriebringfeder an Stelle v. X546 - 129	 X546-129.1
		drive ring spring inst. of X546 - 129	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
2847	2	16.11.64	4128	10	16.11.64			
2848	4	" " "						
3105	6	" " "						
3441	8	" " "						

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 546	Liste best. aus Bl. 1-4 Bl. Nr. 1 Gefertigt 11.11.59 Gepr. Anz. der And.-Bl. 1,2,3

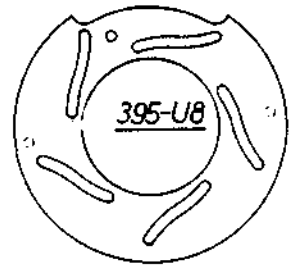
Teil Nr.:	Teilbenennung:	Teil:
395 - U80	Antriebring drive ring	
346 - U85.1	Fingerhebel trigger release	
546 - U143	Frontplatte front plate	
491 - U5	Irislamelle 5 Stück diaphragm blade 5 pcs.	
395 - U8	Irisscheibe diaphragm disc	
546 - U7	Iriszeigerring diaphragm pointer ring	
547 - U1	Kapsel housing	
396h1 - U173	Kontaktplatte contact plate	
345s15 - U226	Kontakthebel 2 contact lever 2	
375 - U543	Rastenhebel notch lever	
496 - U96	Spannhebel cocking lever	
345 - U437.2	Spannarm 2 cocking arm 2	
496 - U15	Werkteil base plate	
546 - U137	Einstellring speed setting ring	

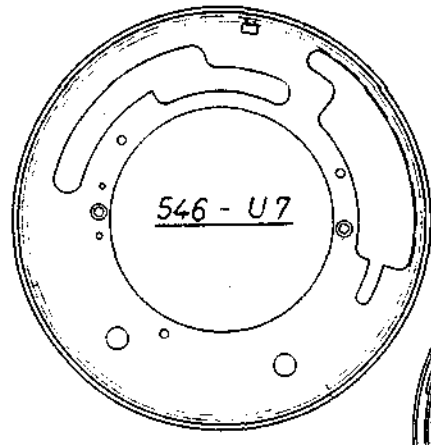


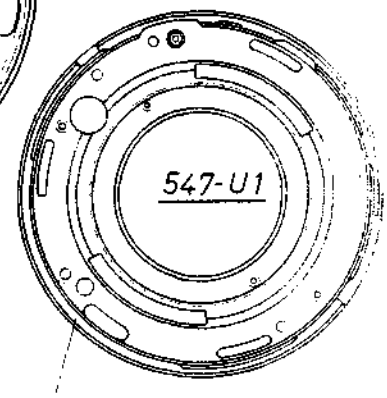
346 - U85.1

491 - U5

546 - U143
ohne Skizze
with. sketch





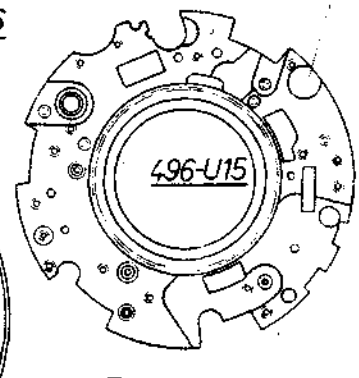


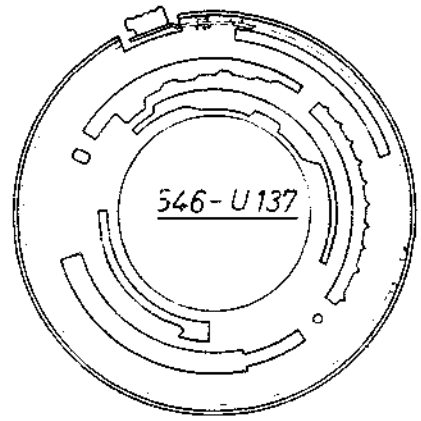
345s15-U226

wird nicht abgegeben
cannot be supplied

396h1-U173

496-U96





375-U543

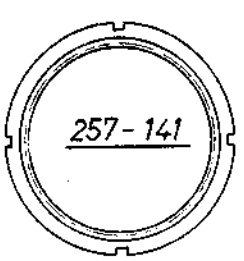
345-U437.2

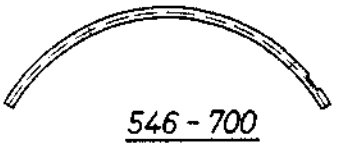
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

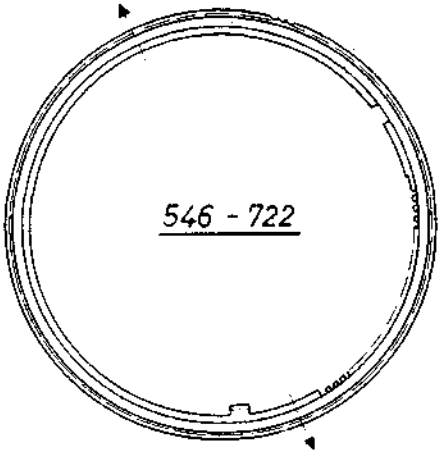
Mod. 546

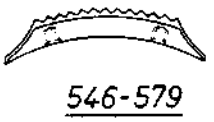
Liste best. aus Bl. — Bl. Nr. 2
Gefertigt 11.11.59 fe. — Gepr.
Anz. der Änd.-Bl.

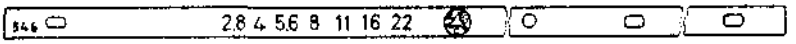
Teil Nr.:	Teilbenennung:
257 - 141	Anschraubring
	flange
381 - 106	Auslöshebel
	release lever
546 - 134	Blendenbogen
	diaphragm band
546 - 700	Blendensegment
	diaphragm control cam
1.7 DIN 6799	Benzing-Sicherung ohne Skizze
	Benzing fuse with sketch
546 - 722	Filmempfindlichkeitsring
	film sensitivity ring
295 - 139	Frontplattenring
	front plate ring
546 - 579	Griffstück 2 Stück
	actuation handle 2 pcs.
475 - 538	Haltefeder
	holding spring
475 - 10	Irisdeckscheibe
	diaphragm cover disc
322 - 111	Kontakthebel
	contact lever
314 - 116	Sektor 5 Stück
	shutter blade 5pcs
0475 - 117	Sektorenscheibe 5 Stück
	shutter blade washer 5pcs.
375 - 433	Spannarm I
	cocking arm I
345 - 434	Spannarmscheibe
	cocking arm disc
546 - 212	Umstellring ohne Skizze
	synchro switch ring with sketch
346 - 465	Unterlegscheibe
	washer
546 - 705	Zeitenring
	speed ring
375 - 119.1	Zeithebel
	B-lever
309 - 255	Zeithebelunterlegscheibe
	B-lever washer
546 - 534	Zeitenbogen
	speed scale
475 - 237	Rastenfeder
	notch spring



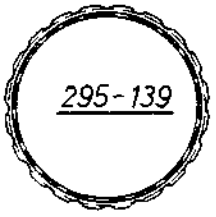


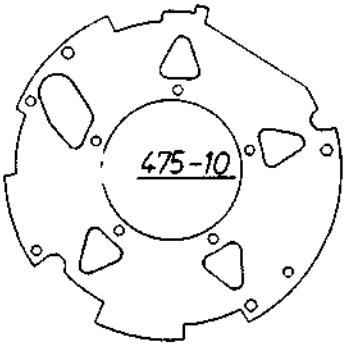


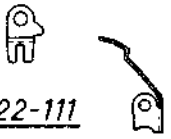


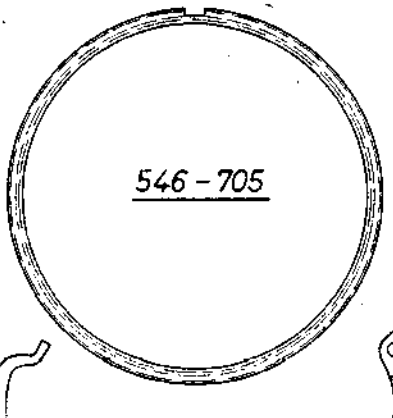


546 - 134





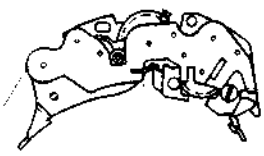




Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 546	Liste best. aus Bl. — Bl. Nr. 3 Gefertigt 11.11.59 fe. Gepr. Anz. der Änd.-Bl.

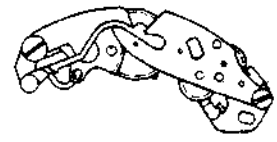
Teil Nr.:	Teilbenennung:
520 - G20	Hemmwerk slow speed assembly
475 - G49	Vorlaufwerk delayed action device
346 - 107	Auslöshebelschr. release lever screw
375 - 443	Bef. Schr. f. Vlfw. lang fixing screw for delayed action device long
257 - 157	Bef. Schr. f. Vlfw. kurz fixing screw for delayed action device short
280 - 136	Bef. Schr. f. HW lang fixing screw for slow speed assembly long
280 - 138	Bef. Schr. f. HW kurz fixing screw for slow speed assembly short
0257 - 146	Fingerhebelschr. trigger release screw
257 - 125	Griffstückschr. 4 Stück actuation handle screw 4pcs.
335 - 272	Haltefederschr. holding spring screw
346h2-462	Irisschr. 2 Stück diaphragm screw 2pcs.
355 - 11	Irisdeckscheibenschr. 2Stck. diaphragm cover disc screw 2pcs.
280 - 112	Kontakthebelbüchse contact lever bushing
257 - 113	Kontakthebelschr. contact lever screw
1x5.8KS8 DIN 1475	Knebelkerbstift ohne Skizze pin as per DIN with sketch
395 - 127	Ringfederanschlagschr. stop screw for ring spring
280 - 128	Ringfederschr. ring spring screw
257 - 118	Sektorenschr. 5 Stück shutter blade screw 5pcs.
381 - 435	Spannarmschr. cocking arm screw
241 - 107	Werkteilschr. 3 Stück base plate screw 3pcs.
257 - 120	Zeithebelschr. B-lever screw
546 - 135	Zeitenbogenschr. 2 Stück speed scale screw 2pcs.

Teil:

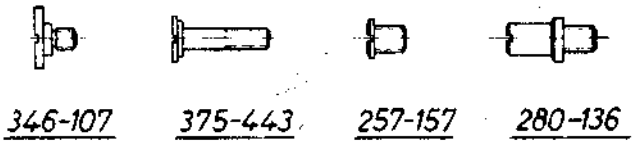


520 - G20

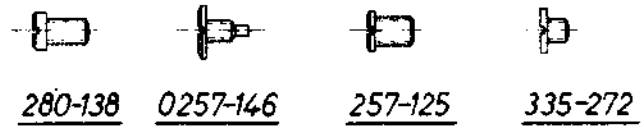
wird nur als Ganzes abgegeben
only complete assembly can be supplied



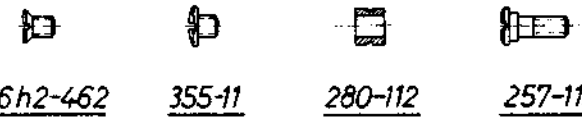
475 - G49



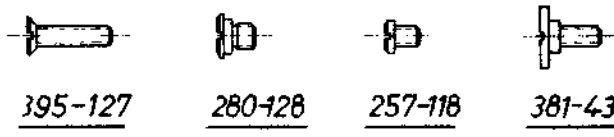
346-107 375-443 257-157 280-136



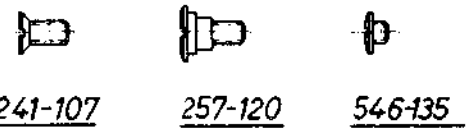
280-138 0257-146 257-125 335-272



346h2-462 355-11 280-112 257-113



395-127 280-128 257-118 381-435



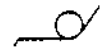
241-107 257-120 546-135

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 546	Liste best. aus Bl.	Bl. Nr. 4
		Gefertigt 11.11.59 fe.	Gepr.
		Anz. der And.-Bl.	

Teil Nr.:	Teilbenennung:	Teil:
295 - 129	Antriebringfeder	
	drive ring spring	
375 - 109	Auslöshebelfeder	
	release lever spring	
345 - 130	Fingerhebelfeder	
	trigger release spring	
295 - 230	Kontakthebelfeder	
	contact lever spring	
375 - 546	Rastenhebelfeder	
	notch lever spring	
475 - 541	Rücklauffeder	
	returning spring	
375 - 132	Spannhebelfeder	
	cocking lever spring	
345 - 104	Treibklinkenfeder	
	driving latch spring	
345 - 133	Vorlaufwerkfeder	
	spring for del. act dev.	
346 - 121	Zeithebelfeder	
	B-lever spring	

295-129

375-109

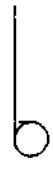


345-130

295-230

375-546

475-541



375-132

345-104

345-133

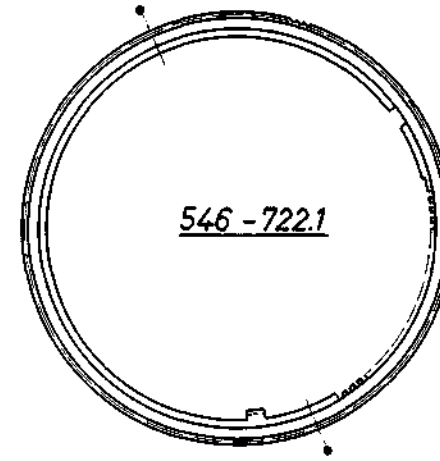
346-121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 546

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1-3
Blatt Nr. 1 | Gepr.
Gefertigt: 11.11.59 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9241 Change Nr. 9241		
2	257 - 125	Griffstückschr. 4 Stück an Stelle v. 257-157	 257-125
		actuation handle screw 4pcs. inst. of 257-157	
3			
	Änderung Nr. 9373 Change Nr. 9373		
4	520 - 117	Sektorenscheibe an Stelle v. 0475-117	 520-117
		shutter blade washer inst. of 0475-117	
5			
	Änderung Nr. 9380 Change Nr. 9380		
6	546 - 722.1	Filmempfindlichkeitsring an Stelle v. 546-722	 546-722.1
		film sensitivity ring inst. of 546-722	
7			
	Änderung Nr. 9383 Change Nr. 9383		
8	475 - 111	Kontakthebel an Stelle v. 322-111	 475-111
		contact lever inst. of 322-111	
9			
	Änderung Nr. 9438 Change Nr. 9438		
10	0345 - 149	Griffstückschr. 2 Stück an Stelle v. 257-125 2 Stück	 0345-149
		actuation handle screw 2pcs. inst. of 257-125 2 pcs.	

Änderungszustand dieses Blattes

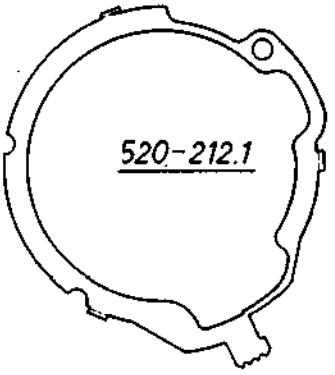
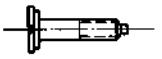
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9241	2	1. 1. 59	9438	10	1. 1. 59			
9373	4	" " "						
9380	6	" " "						
9383	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod 546

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 11.11.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9618 Change Nr. 9618		
2	496 - U96.1	Spannhebel an Stelle v. 496-U96	 496-U96.1
		cocking lever inst. of 496-U96	
3			
	Änderung Nr. 9329 Change Nr. 9329		
4	520 - 212.1	Umstellring an Stelle v. 546-212	 520-212.1
		synchro switch ring inst. of 546-212	
5			
	Änderung Nr. 129 Change Nr. 129		
6	491 - 443	Bef. Schr. f. Vlfw. lang an Stelle v. 375-443	 491-443
	fixing screw for delayed action device long	inst. of 375-443	
7			
	Änderung Nr. 175 Change Nr. 175		
8	X476 - U226	Kontakthebel an Stelle v. 345s15-U226	 X476-U226
		contact lever inst. of 345s15-U226	
9			
	Änderung Nr. 297 Change Nr. 297		
10	X 496 - 118	Sektorenschr. an Stelle v. 257-118	 X496-118
		shutter blade screw inst. of 257-118	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9618	2	11. 11. 59	297	10	19. 1. 60			
9329	4	" " "						
129	6	" " "						
175	8	" " "						

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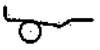
Calmbach a. d. Enz

Mod. 00546

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 19.1.60 ke.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 300 Change Nr. 300		
2	X 546 - 129	Antriebringfeder an Stelle v. 00295-129	 X546-129
		drive ring spring inst. of 00295 - 129	
3			
	Änderung Nr. 319 Change Nr. 319		
4	476 - U5	Irislamelle 5 Stück an Stelle v. 00491 - U5	 476 - U5
		diaphragm blade 5pcs. inst. of 00491 - U5	
5			
	Änderung Nr. 475 Change Nr. 475		
6	555 - 119.1	Zeithebel an Stelle v. 00375 - 119.1	 555 - 119.1
		B - lever inst. of 00375 - 119.1	
7			
	Änderung Nr. 1786 Change Nr. 1786		
8	GN 119 07 7001 909	Haltefederschr. an Stelle v. 00335 - 272	 7001 909
		holding spring screw inst. of 00335 - 272	
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
300	2	19. 1. 60						
319	4	25. 1. 60						
475	6	3. 11. 64						
1786	8	" " "						

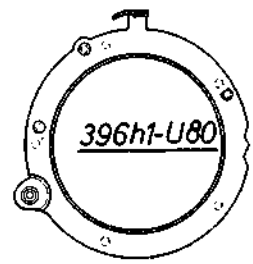
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. X 546

Liste best. aus Bl. 1 - 4 | Bl. Nr. 1
Gefertigt 21.12.59 | Gepr.
Anz. der Änd.-Bl. 1-4

Teil Nr.:	Teilbenennung:
396h1 - U80	Antriebring
	drive ring
346 - U85.1	Fingerhebel
	trigger release
X 546 - U143	Frontplatte
	front plate
491 - U5	Irislamelle 5 Stück
	diaphragm blade 5 pcs.
395 - U8	Irisscheibe
	diaphragm disc
546 - U7	Iriszeigerring
	diaphragm pointer ring
547 - U1	Kapsel
	housing
396h1 - U173	Kontaktplatte
	contact plate
345s15 - U226	Kontakthebel 2
	contact lever 2
X496 - U96.2	Spannhebel
	cocking lever
345 - U437.2	Spannarm 2
	cocking arm 2
X496 - U15	Werkteil
	base plate
X546 - U543.2	Zeit-Rastenfeder
	click stop spring
X546 - U137	Einstellring
	speed setting ring

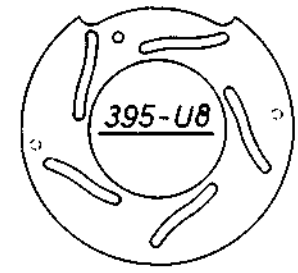
Teil:

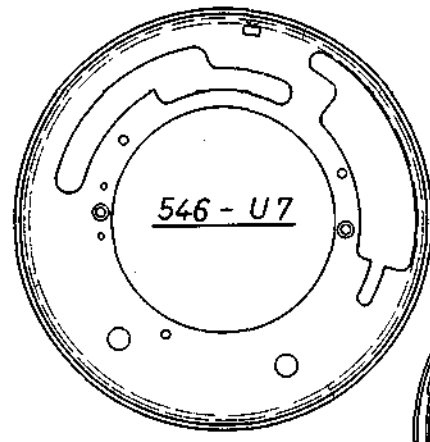


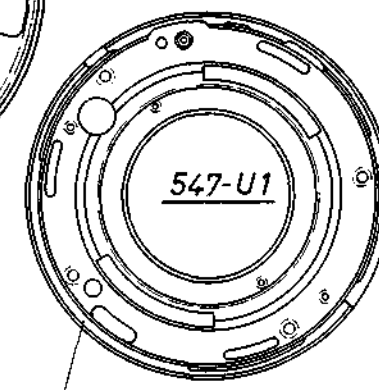
346 - U85.1

491 - U5

X546 - U143
ohne Skizze
with. sketch





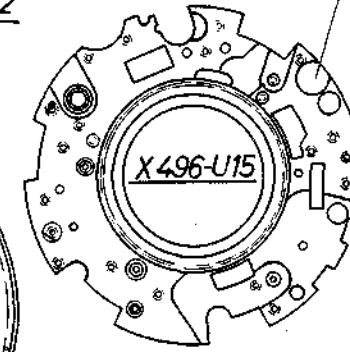


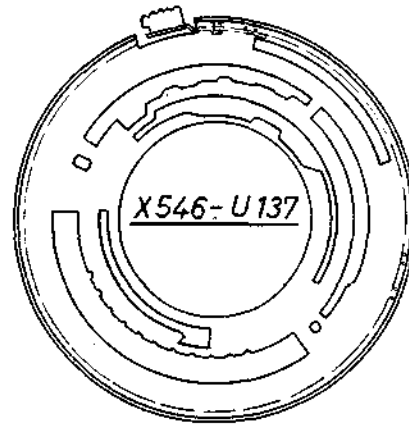
345s15-U226

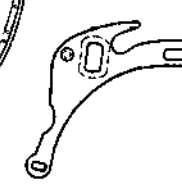
wird nicht abgegeben
cannot be supplied

396h1-U173

X496-U96.2







345 - U437.2

X546-U543.2

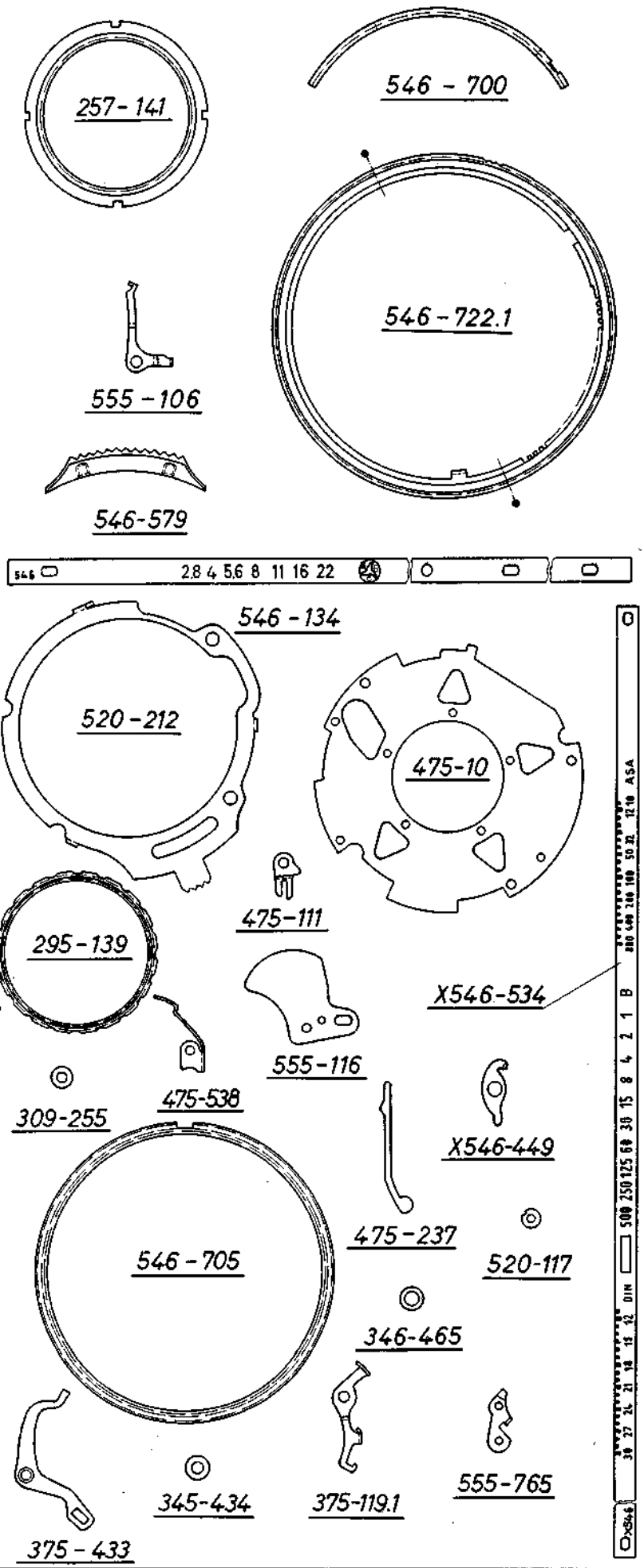
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. X 546

Liste best. aus Bl.	Bl. Nr. 2
Gefertigt 21.12. 59	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
257 - 141	Anschraubring
	flange
555 - 106	Auslöshebel
	release lever
546 - 134	Blendenbogen
	diaphragm band
546 - 700	Blendensegment
	diaphragm control cam
1.7 DIN 6799	Benzing-Sicherung ohne Skizze
	Benzing fuse with sketch
546 - 722.1	Filmempfindlichkeitsring
	film sensitivity ring
295 - 139	Frontplattenring
	front plate ring
546 - 579	Griffstück 2 Stück
	actuation handle 2 pcs.
475 - 538	Haltefeder
	holding spring
475 - 10	Irisdeckscheibe
	diaphragm cover disc
475 - 111	Kontakthebel
	contact lever
555 - 116	Sektor 5 Stück
	shutter blade 5 pcs.
520 - 117	Sektorenscheibe 5 Stück
	shutter blade washer 5 pcs.
375 - 433	Spannarm cocking arm
345 - 434	Spannarmscheibe cocking armdisc
555 - 765	Spannhebelanschlag cocking lever stop
X 546 - 449	Schwenkhebel swivel lever
520 - 212	Umstellring
	synchro switch ring
346 - 465	Unterlegscheibe
	washer
546 - 705	Zeitenring
	speed ring
375 - 119.1	Zeithebel
	B - lever
309 - 255	Zeithebelunterlegscheibe
	B - lever washer
X 546 - 534	Zeitenbogen
	speed scale
475 - 237	Rastenfeder
	notch spring

Teil:



Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. X 546

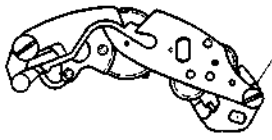
Liste best. aus Bl. | Bl. Nr. 3
Gefertigt 21.12.59 | Gepr.
Anz. der Änd.-Bl.

Teil Nr.:	Teilbenennung:
X 546 - G20	Hemmwerk
	slow speed assembly
X 546 - G49	Vorlaufwerk
	delayed action device
X 496 - 107	Auslöshebelschr.
	release lever screw
X 546 - 443	Bef. Schr. f. Vlfw. lang
fixing screw	for delayed action device long
257 - 157	Bef. Schr. f. Vlfw. kurz
fixing screw	for delayed action device short
X 546 - 136	Bef. Schr. f. HW lang
fixing screw	for slow speed assembly long
280 - 138	Bef. Schr. f. HW kurz
fixing screw	for slow speed assembly short
0257 - 146	Fingerhebelschr.
	trigger release screw
257 - 125	Griffst. Schr. 2St. act. ha. scr. 2 pcs.
0345 - 149	Griffst. Schr. 2St. act. ha. scr. 2 pcs.
335 - 272	Haltefederschr.
	holding spring screw
346h2-462	Irisschr. 2 Stück
	diaphragm screw 2 pcs.
355 - 11	Irisdeckscheibenschr. 2 Stck.
	diaphragm cover disc screw 2 pcs.
280 - 112	Kontakthebelbüchse
	contact lever bushing
257 - 113	Kontakthebelschr.
	contact lever screw
1x5.8 KS8 DIN 1475	Knebelkerbstift ohne Skizze
	pin as per DIN with. sketch
395 - 127	Ringfederanschlagschr.
	stop screw for ring spring
280 - 128	Ringfederschr.
	ring spring screw
257 - 118	Sektorenschr. 5 Stück
	shutter blade screw 5 pcs.
X 546 - 435	Spannarmschr. cocking arm scr.
499 - 135	Spannhebelanschlagschr. cocking lever stop screw.
241 - 107	Werkteilschr. 3 Stück
	base plate screw 3 pcs.
257 - 120	Zeithebelschr.
	B-lever screw
546 - 135	Zeitenbogenschr. 2 Stück
	speed scale screw 2 pcs.

Teil:

X546-G20

wird nur als Ganzes abgegeben
only complete assembly can be supplied



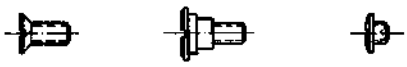
X546 - G49

X496-107 X546-443 257-157 X546-136

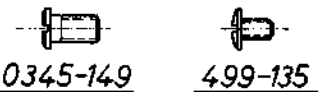
280-138 0257-146 257-125 335-272

346h2-462 355-11 280-112 257-113

395-127 280-128 257-118 X546-435



241-107 257-120 546-135



0345-149 499-135

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. X 546	Liste best. aus Bl.	Bl. Nr. 4
		Gefertigt 21.12.59 fe.	Gepr.
		Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
555- 129	Antriebringfeder
	drive ring spring
375 - 109	Auslöshebelfeder
	release lever spring
345 - 130	Fingerhebelfeder
	trigger release spring
295 - 230	Kontakthebelfeder
	contact lever spring
475 - 541	Rücklauffeder
	returning spring
555 - 132	Spannhebelfeder
	cocking lever spring
345 - 104	Treibklinkenfeder
	driving latch spring
345 - 133	Vorlaufwerkfeder
	spring for del. act. dev.
555 - 121	Zeithebelfeder
	B-lever spring

Teil:

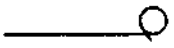
555-129

375-109

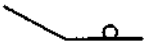
345-130

295-230

475-541



555-132



345-104

345-133

555-121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

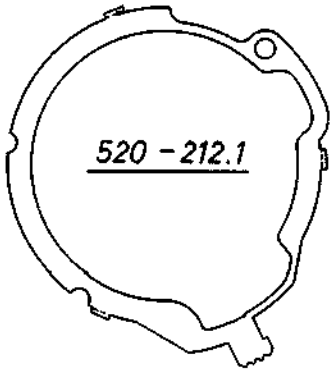
Mod. X 546

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1-4
Blatt Nr. 1 | Gepr.
Gefertigt: 21. 12. 59 Fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 175 Change Nr. 175		
2	X476 - U226	Kontakthebel an Stelle v. 345s15-U226	
		contact lever inst. of 345s15-U226	
3			
	Änderung Nr. 250 Change Nr. 250		
4	520 - 212.1	Umstellring an Stelle v. 520 - 212	
		synchro switch ring inst. of 520 - 212	
5			
	Änderung Nr. 301 Change Nr. 301		
6	X546 - 129	Antriebringfeder an Stelle v. 555 - 129	
		drive ring spring inst. of 555 - 129	
7			
	Änderung Nr. 319 Change Nr. 319		
8	476 - U5	Irislamelle an Stelle v. 491 - U5	
		diaphragm blade inst. of 491 - U5	
9			
	Änderung Nr. 297 Change Nr. 297		
10	X496 - 118	Sektorenschr. an Stelle v. 257 - 118	
		shutter blade screw inst. of 257 - 118	

X476 - U226



520 - 212.1

X546 - 129

476 - U5

X496 - 118

Änderungszustand dieses Blattes

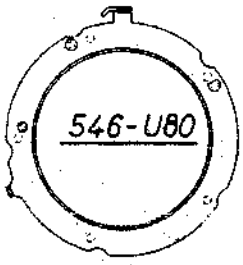
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
175	2	21. 12. 59	297	10	21. 12. 59			
250	4	" " "						
301	6	" " "						
319	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. X 546

Geänderte Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 2 Gepr.
Gefertigt: 15.3.61 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		Änderung Nr. 475 Change Nr. 475	
2	555 - 119.1	Zeithebel an Stelle v. 375 - 119.1 B - lever inst. of 375 - 119.1	 555 - 119.1
3		Änderung Nr. 1564 Change Nr. 1564	
4	476 - 111	Kontakthebel an Stelle v. 475 - 111 contact lever inst. of 475 - 111	 476 - 111
5	476 - 116	Sektor an Stelle v. 555 - 116 shutter blade inst. of 555 - 116	 476 - 116
6		Änderung Nr. 1570 Change Nr. 1570	
7	546 - U80	Antriebring an Stelle v. 396h1-U80 drive ring inst. of 396h1 - U80	
8		Änderung Nr. 1693 Change Nr. 1693	
9	X 549 - 812	Ringanschlag ring stop	 X549-812
10	GN 117 12 7 001 823	Ringanschlagschr. ring stop screw	 7001 823

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
475	2	15. 3. 61						
1564	4, 5	" " "						
1570	7	" " "						
1693	9, 10	6. 11. 64						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. X546

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 9.11.64 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 1731 Change Nr. 1731		
2	GN 117 12 7 001 823	Spannhebelanschlagschr an Stelle v. 499-135	 7 001 823
		cocking lever stop screw inst. of 499-135	
3			
	Änderung Nr. 1786 Change Nr. 1786		
4	GN 119 07 7 001 909	Haltefederschr. an Stelle v. 335-272	 7 001 909
		holding spring screw inst. of 335-272	
5			
	Änderung Nr. 1941 Change Nr. 1941		
6	X476-107	Auslöshebelschr. an Stelle v. X496-107	 X476-107
		release lever screw inst. of X496-107	
7			
	Änderung Nr. 2847 Change Nr. 2847		
8	546-121	Zeithebelfeder an Stelle v. 555-121	 546-121
		B-lever spring inst. of 555-121	
9			
	Änderung Nr. 2848 Change Nr. 2848		
10	491-130	Fingerhebelfeder an Stelle v. 345-130	 491-130
		trigger release spring inst. of 345-130	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
1731	2	9.11.64	2848	10	9.11.64			
1786	4	" " "						
1941	6	" " "						
2847	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. X546

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 9. 11. 64 fe.

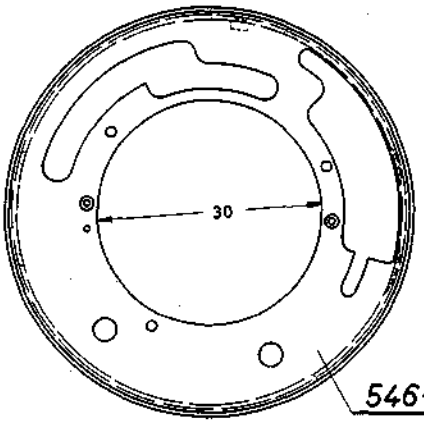
Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 3066 / Change Nr. 3066		
2	565 - 812	Ringanschlag an Stelle v. X549 - 812	
		ring stop inst. of X549 - 812	
3			
	Änderung Nr. 3105 / Change Nr. 3105		
4	546 - U119	Zeithebel an Stelle v. 555 - 119.1	
		B-lever inst. of 555 - 119.1	
5			
	Änderung Nr. 3343 / Change Nr. 3343		
6	X546 - G49.2	Vorlaufwerk an Stelle v. X546 - G49	
		delayed action device inst. of X546 - G49	
7			
	Änderung Nr. 3601 / Change Nr. 3601		
8	546 - U7.1	Irisszeigerring an Stelle v. 546 - U7	
		diaphragm pointer ring inst. of 546 - U7	
9	647 - U8.1	Irisscheibe an Stelle v. 395 - U8	
		diaphragm disc inst. of 395 - U8	
10	Änderung Nr. 4128 / Change Nr. 4128		
	X546 - 129.1	Antriebringfeder an Stelle v. X546-129	
		drive ring spring inst. of X546-129	

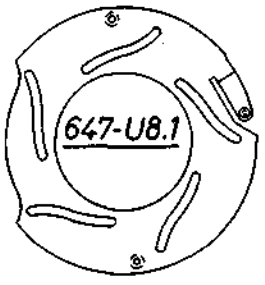
565-812

546 - U119

X546 - G49.2

wird nur als Ganzes abgegeben
only complete assembly can be supplied





647-U8.1

546-U7.1

Die Teile 546-U7.1, 647-U8.1 nur zusammen austauschbar
The parts 546-U7.1, 647-U8.1 can only be replaced together

X546-129.1

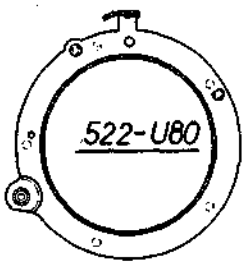
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
3066	2	9. 11. 64	4128	10	9. 11. 64			
3105	4	" " "						
3343	6	" " "						
3601	8, 9	" " "						

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 547	Liste best. aus Bl. 1 - 4	Bl. Nr. 1
		Gefertigt 21.10.59	Gepr.
		Anz. der Änd.-Bl. 1,2	

Teil Nr.:	Teilbenennung:
522 - U80	Antriebring
	drive ring
346 - U85.1	Fingerhebel
	trigger release
547 - U143	Frontplatte
	front plate
491 - U5	Irislamelle 5 Stück
	diaphragm blade 5pcs.
395 - U8	Irisscheibe
	diaphragm disc
547 - U7	Iriszeigerring
	diaphragm pointer ring
547 - U1	Kapsel
	housing
396h1 - U173	Kontaktplatte
	contact plate
496 - U96	Spannhebel
	cocking lever
522 - U15	Werkteil
	base plate
470 - U543	Zeit-Rastenhebel
	click stop lever
547 - U137	Einstellring
	speed setting ring

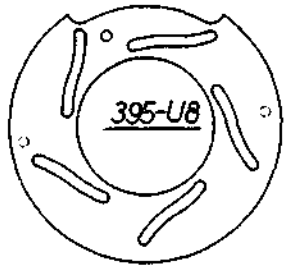
Teil:

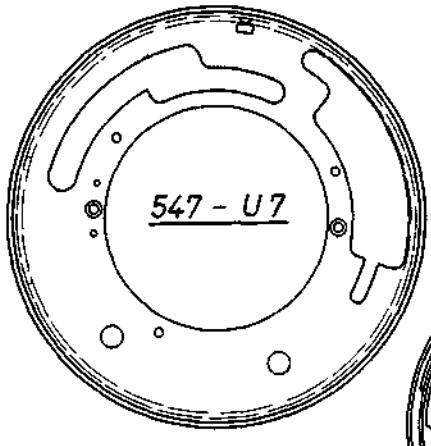


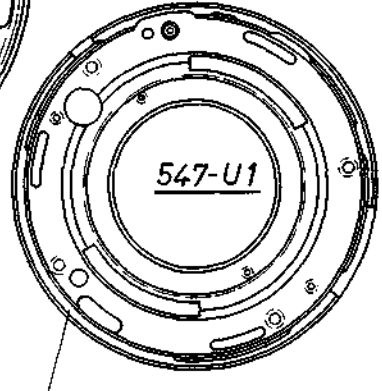
346 - U85.1

491 - U5

547 - U143
ohne Skizze
with. sketch



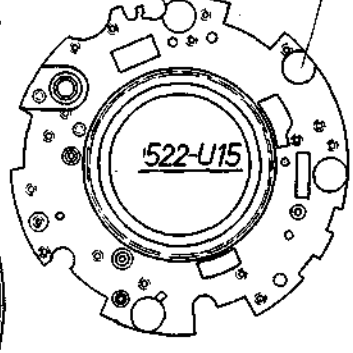


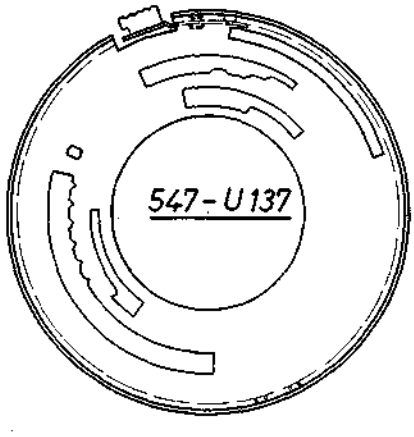


wird nicht abgegeben
cannot be supplied

396h1-U173

496-U96



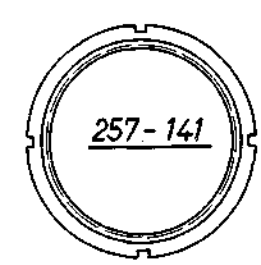


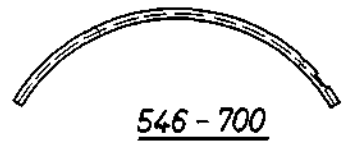
00470-U543

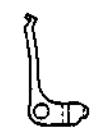
Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 547	Liste best. aus Bl.	Bl. Nr. 2
		Gefertigt 21.10.59 fe.	Gepr.
		Anz. der Änd.-Bl.	

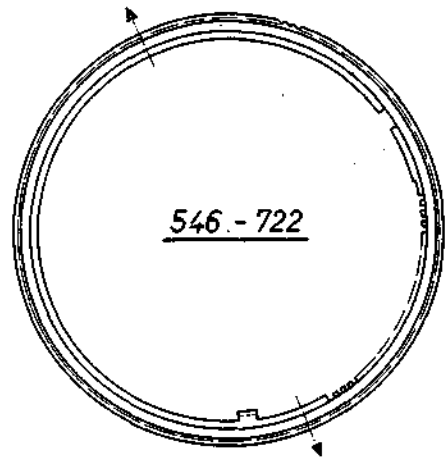
Teil Nr.:	Teilbenennung:
257 - 141	Anschraubring_
	flange
381 - 106	Auslöshebel
	release lever
546 - 134	Blendenbogen
	diaphragm band
546 - 700	Blendensegment
	diaphragm control cam
1.7 DIN 6799	Benzing-Sicherung ohne Skizze
	Benzing fuse with sketch
546 - 722	Filmempfindlichkeitsring
	film sensitivity ring
295 - 139	Frontplattenring_
	front plate ring
546 - 579	Griffstück 2 Stück
	actuation handle 2 pcs.
475 - 10	Irisdeckscheibe
	diaphragm cover disc
322 - 111	Kontakthebel
	contact lever
314 - 116	Sektor 5 Stück
	shutter blade 5 pcs.
0475 - 117	Sektorenscheibe 5 Stck.
	shutter blade washer 5pcs
346 - 465	Unterlegscheibe
	washer
546 - 705	Zeitenring_
	speed ring
375 - 119.1	Zeithebel
	B-lever
309 - 255	Zeithebelunterlegscheibe
	B-lever washer
547 - 534	Zeitenbogen
	speed scale

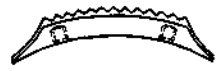
Teil:

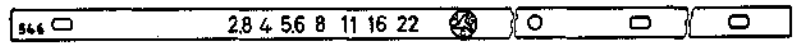




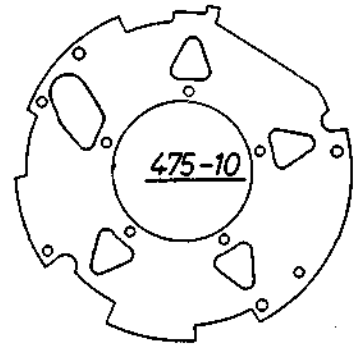




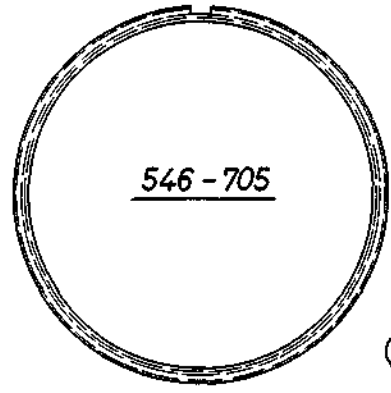




546-134



547-534



Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 547	Liste best. aus Bl.	Bl. Nr. 3
		Gefertigt 21.10.59	Gepr.
		Anz. der Änd.-Bl.	

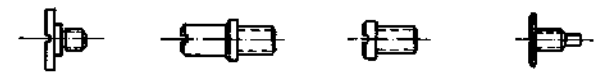
Teil Nr.:	Teilbenennung:
522 - G20	Hemmwerk
	slow speed assembly
547 - G49	Vorlaufwerk
	delayed action device
346 - 107	Auslöshebelschr.
	release lever screw
280 - 136	Bef. Schr. f. HW lang
fixing screw for slow speed assembly long	
280 - 138	Bef. Schr. f. HW kurz
fixing screw for slow speed assembly short	
0257 - 146	Fingerhebelschr.
	trigger release screw
257 - 157	Griffstückschr. 2 Stück
	actuation handle screw 2pcs.
257 - 157	Griffstück schr. 2 Stück
	actuation handle screw 2pcs.
346h2-462	Irisschraube 2 Stück
	diaphragm screw 2 pcs.
355 - 11	Irisdeckscheibenschr. 2St.
	diaphragm cover disc screw 2pcs.
280-112	Kontakthebelbüchse
	contact lever bushing
257 - 113	Kontakthebelschr.
	contact lever screw
KS 8 1x5.8 DIN1475	Knebelkerbstift ohne Skizze
	pin as per DIN with sketch
395 - 127	Ringfederanschlagschr.
	stop screw for ring spring
280 - 128	Ringfederschr.
	ring spring screw
0475 - 387	Rastenhebelschr.
	notch lever screw
257 - 118	Sektorenschr. 5 Stück
	shutter blade screw 5pcs.
241 - 107	Werkteilschr. 3 Stück
	base plate screw 3pcs.
257 - 120	Zeithebelschr.
	B-lever screw
546 - 135	Zeitenbogenschr.
	speed scale screw

Teil:

522 - G20

wird nur als Ganzes abgegeben
only complete assembly can be supplied

547 - G49



346-107 280-136 280-138 0257-146

257-157 346h2-462 355-11 280-112

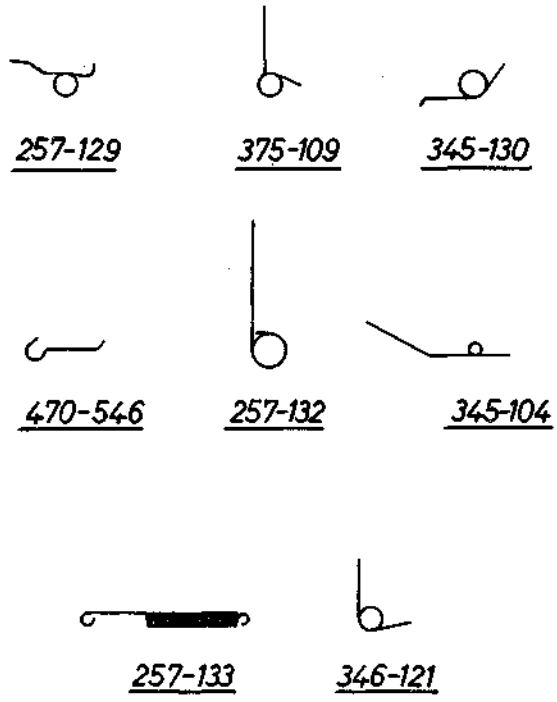
257-113 395-127 280-128 0475-387

257-118 241-107 257-120 546-135

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 547	Liste best. aus Bl.	Bl. Nr. 4
		Gefertigt 21.10.59 /e.	Gepr.
		Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
257 - 129	Antriebringfeder
	drive ring spring
375 - 109	Auslöshebelfeder
	release lever spring
345 - 130	Fingerhebelfeder
	trigger release spring
470 - 546	Rastenhebelfeder
	notch lever spring
257 - 132	Spannhebelfeder
	cocking lever spring
345 - 104	Treibklinkenfeder
	driving latch spring
257 - 133	Vorlaufwerkfeder
	spring for del. act. dev.
346 - 121	Zeithebelfeder
	B-lever spring

Teil:

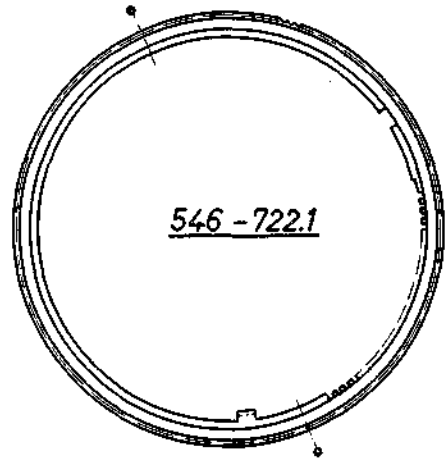
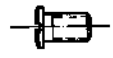


Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 547

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1/2
Blatt Nr. 1 | Gepr.
Gefertigt: 21.10.59 Le.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9241 Change Nr. 9241		
2	257 - 125	Griffstückschr. 4 Stück an Stelle v. 257-157	 257-125
		actuation handle screw 4pcs. inst. of 257-157	
3			
	Änderung Nr. 9373 Change Nr. 9373		
4	520 - 117	Sektorenscheibe an Stelle v. 0475-117	 520-117
		shutter blade washer inst. of 0475-117	
5			
	Änderung Nr. 9380 Change Nr. 9380		
6	546 - 722.1	Filmempfindlichkeitsring an Stelle v. 546-722	 546-722.1
		film sensitivity ring inst. of 546-722	
7			
	Änderung Nr. 9383 Change Nr. 9383		
8	475 - 111	Kontakthebel an Stelle v. 322-111	 475-111
		contact lever inst. of 322-111	
9			
	Änderung Nr. 9438 Change Nr. 9438		
10	0345 - 149	Griffstückschr. 2 Stück an Stelle v. 257-125 2 Stück	 0345-149
		actuation handle screw 2pcs. inst. of 257-125 2 pcs.	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9241	2	21. 10. 59	9438	10	21. 10. 59			
9373	4	" " "						
9380	6	" " "						
9383	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00547

Geänderte Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 2 Gepr.
Gefertigt: 21.10.59

Lfd.Nr.	Teil Nr.:	Teilbenennung	Teil:
1		Änderung Nr. 9618 Change Nr. 9618	
2	00496 - U96.1	Spannhebel an Stelle v. 00496-U96 cocking lever inst. of 00496 - U96	 00496-U96.1
3		Änderung Nr. 297 Change Nr. 297	
4	X496 - 118	Sektorenschr. an Stelle v. 00257-118 shutter blade screw inst. of 00257-118	 X496-118
5		Änderung Nr. 319 Change Nr. 319	
6	476 - U5	Irislamelle 5 Stück an Stelle v. 00491-U5 diaphragm blade 5pcs. inst. of 00491-U5	 476 - U5
7		Änderung Nr. 475 Change Nr. 475	
8	555 - 119.1	Zeithebel an Stelle v. 375-119.1 B - lever inst. of 375-119.1	 555-119.1
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9618	2	21. 10. 59						
297	4	18. 1. 60						
319	6	25. 1. 60						
475	8	20. 9. 63						

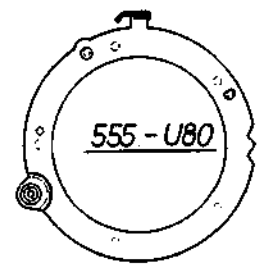
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

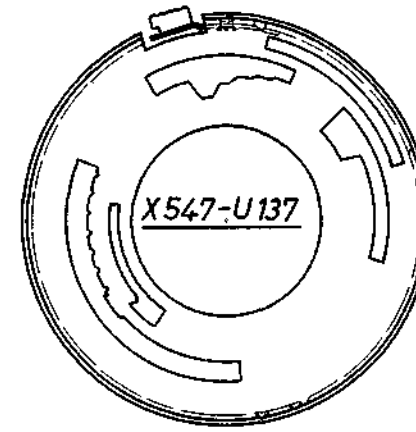
Mod. X 547

Liste best. aus Bl. 1 - 4	Bl. Nr. 1
Gefertigt 25.9.59	Gepr.
Anz. der Änd.-Bl. 1-6	

Teil Nr.:	Teilbenennung:
555 - U80	Antriebring
	drive ring
X 547 - U137	Einstellring
	speed setting ring
346 - U85.1	Fingerhebel
	trigger release
X 547 - U143	Frontplatte
	front plate
491 - U5	Irislamelle 5 Stück
	diaphragm blade 5pcs.
547 - U7	Iriszeigerring
	diaphragm pointerring
395 - U8	Irisscheibe
	diaphragm disc
547 - U1	Kapsel
	housing
597 - U96	Spannhebel
	cocking lever
597 - U15	Werkteil
	base plate
470 - U543	Zeit- Rastenhebel
	click stop lever

Teil:

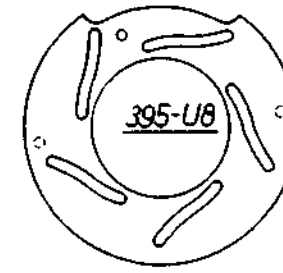


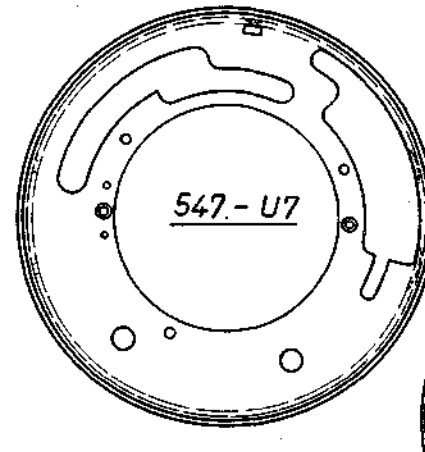


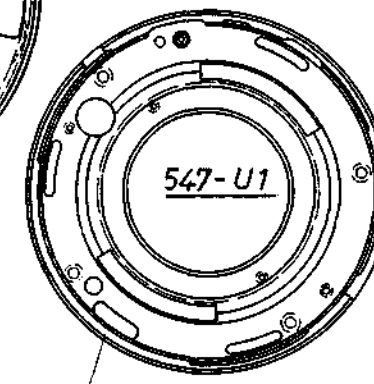
346 - U85.1

491 - U5

X 547 - U143
ohne Skizze
with. sketch

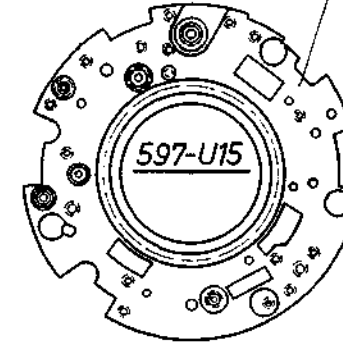






wird nicht abgegeben
cannot be supplied

597 - U96



470 - U543

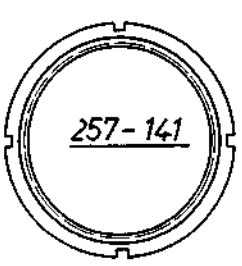
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

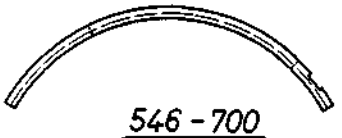
Mod. X 547

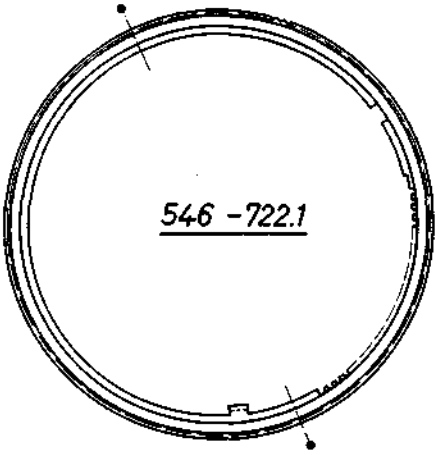
Liste best. aus Bl.	Bl. Nr. 2
Gefertigt 25. 9. 59 Le.	Gepr.
Anz. der Änd.-Bl.	

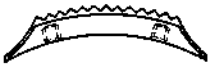
Teil Nr.:	Teilbenennung:
257 - 141	Anschraubring
	flange
555 - 106	Auslöshebel
	release lever
546-700	Blendensegment
	diaphragm control cam
546 - 134	Blendenbogen
	diaphragm band
1.7 DIN 6799	Benzing-Sicherung ohne Skizze
	Benzing fuse with. sketch
546-722.1	Filmempfindlichkeitsring
	film sensitivity ring
295 - 139	Frontplattenring
	front plate ring
546 - 579	Griffstück 2 Stück
	actuation handle 2pcs.
475 - 10	Irisdeckscheibe
	diaphragm cover disc
555 - 173	Kontaktplatte 1
	contact plate 1
555-173a	Kontaktplatte 2
	contact plate 2
555-765	Spannhebelanschlag
	cocking lever stop
555 - 116	Sektor 5 Stück
	shutter blade 5 pcs.
520 - 117	Sektorenscheibe 5 Stck
	shutter blade washer 5pcs
346 - 465	Unterlegscheibe
	washer
375 - 119.1	Zeithebel
	B - lever
309 - 255	Zeithebelunterlegscheibe
	B-lever washer
546-705	Zeitenring
	speed ring
X 547 - 534	Zeitenbogen
	speed scale

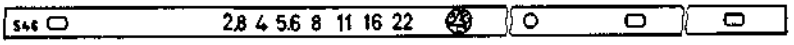
Teil:



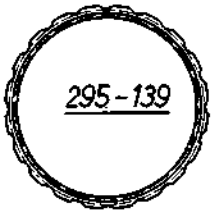


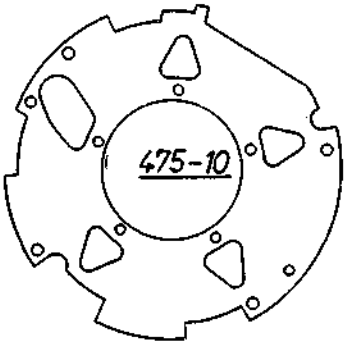


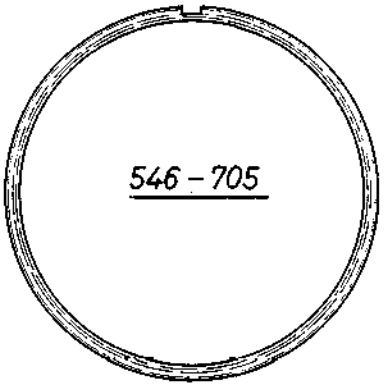


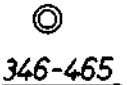


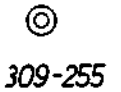
546 - 134











X547-534

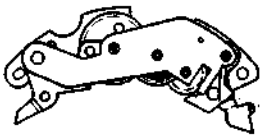
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. X 547

Liste best. aus Bl. | Bl. Nr. 3
Gefertigt 25.9.59 | Gepr.
Anz. der Änd.-Bl:

Teil Nr.:	Teilbenennung:
X547 - G20	Hemmwerk
	slow speed assembly
547-G49	Vorlaufwerk
	delayed action device
X496 - 107	Auslöshebelschr.
	release lever screw
X547 - 136	Bef. Schr. f. HW. lang
fixing screw	for slow speed assembly long
499 - 135	Bef. Schr. f. HW. kurz 2 Stck.
fixing screw for	slow speed assembly short 2pcs.
0257 - 146	Fingerhebelschr.
	trigger release screw
257 - 125	Griffstückschr. 2 Stück
	actuation handle screw 2pcs.
0345 - 149	Griffstückschr. 2 Stück
	actuation handle screw 2pcs.
346h2-462	Jrisschraube 2 Stück
	diaphragm screw 2pcs.
355 - 11	Jrisdeckscheibenschr. 2St.
	diaphragmcover disc screw 2pcs.
KS8 1x5.8 DIN1475	Knebelkerbstift ohne Skizze
	pin as per DIN with. sketch
395 - 127	Ringfederanschlagschr.
	stop screw for ring spring
280 - 128	Ringfederschr.
	ring spring screw
0475 - 387	Rastenhebelschr.
	notch lever screw
257 - 118	Sektorenschr. 5 Stück
	shutter blade screw 5pcs.
499 - 135	Spannhebelanschlagschr.
	cocking lever stop screw
241 - 107	Werkteilschr. 3 Stück
	base plate screw 3pcs.
257 - 120	Zeithebelschr.
	B-lever screw
546 - 135	Zeitenbogenschr. 2 Stck.
	speed skale screw 2pcs.

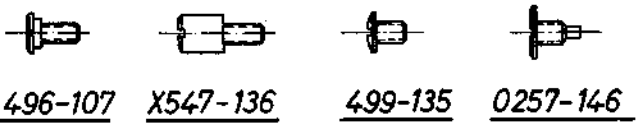
Teil:



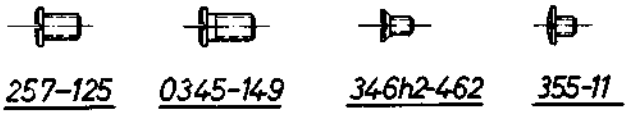
X 547 - G 20

wird nur als Ganzes abgegeben
only complete assembly can be supplied

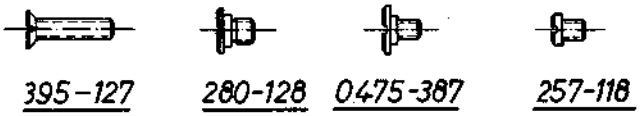
547 - G49



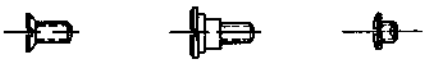
X 496-107 | X547-136 | 499-135 | 0257-146



257-125 | 0345-149 | 346h2-462 | 355-11



395-127 | 280-128 | 0475-387 | 257-118

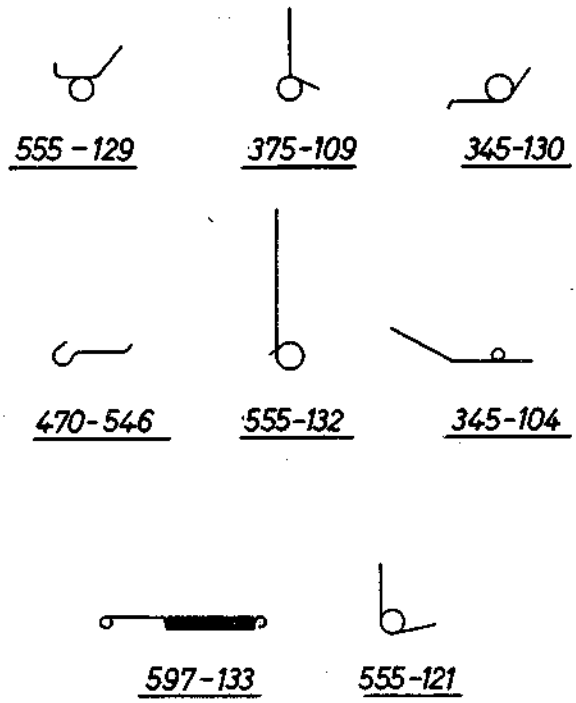


241-107 | 257-120 | 546-135

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. X 547	Liste best. aus Bl.	Bl. Nr. 4
		Gefertigt 25.9.59	Gepr.
		Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
555 - 129	Antriebringfeder
	drive ring spring
375 - 109	Auslöshebelfeder
	release lever spring
345 - 130	Fingerhebelfeder
	trigger release spring
470 - 546	Rastenhebelfeder
	notch lever spring
555 - 132	Spannhebelfeder
	cocking lever spring
345 - 104	Treibklinkenfeder
	driving latch spring
597 - 133	Vorlaufwerkfeder
	spring for del. act. dev.
555 - 121	Zeithebelfeder
	B-lever spring

Teil:



Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. X547

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1-5
Blatt Nr. 1 | Gepr. .....
Gefertigt: 18. 1. 60 Je.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 195 Change Nr. 195		
2	257 - 142	Bef. Schr. f. HW kurz an Stelle v. 00499-135	 257-142
	fixing screw for slow speed assembly short	inst. of 00499-135	
3			
	Änderung Nr. 297 Change Nr. 297		
4	X 496 - 118	Sektorenschr. an Stelle v. 00257-118	 X496-118
		shutter blade screw inst. of 00257-118	
5			
	Änderung Nr. 301 Change Nr. 301		
6	X 546 - 129	Antriebringfeder an Stelle v. 555-129	 X546-129
		drive ring spring inst. of 555-129	
7			
	Änderung Nr. 319 Change Nr. 319		
8	476 - U5	Irislamelle 5 Stück an Stelle v. 00491-U5	 476 - U5
		diaphragm blade 5pcs inst. of 00491-U5	
9			
	Änderung Nr. 475 Change Nr. 475		
10	555 - 119.1	Zeithebel an Stelle v. 375-119.1	 555-119.1
		B-lever inst. of 375-119.1	

Änderungszustand dieses Blattes

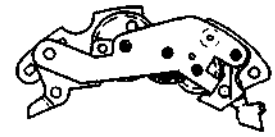
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
195	2	18. 1. 60	475	10	6. 3. 61			
297	4	" " "						
301	6	" " "						
319	8	25. 1. 60						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. X547

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 7. 3. 61 fe.

Lfd. Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 626 Change Nr. 626		
2	X 547 - U96	Spannhebel an Stelle v. 597-U96	 X547-U96
		cocking lever inst. of 597-U96	
3			
	Änderung Nr. 653 Change Nr. 653		
4	565 - 104	Treibklinkenfeder an Stelle v. 345-104	 565-104
		driving latch spring inst. of 345-104	
5			
	Änderung Nr. 768 Change Nr. 768		
6	565 - 173a	Kontaktplatte 2 an Stelle v. 555-173a	 565-173a
		contact plate 2 inst. of 555-173a	
7			
	Änderung Nr. 1071 Change Nr. 1071		
8	565.1 - 173a	Kontaktplatte an Stelle v. 565-173a	 565.1-173a
		contact plate 2 inst. of 565-173a	
9			
	Änderung Nr. 1268 Change Nr. 1268		
10	X 547 - G20.1	Hemmwerk an Stelle v. X 547-G20	 X547-G20.1 wird nur als Ganzes abgegeben only complete assembly can be supplied
		slow speed assembly inst. of X 547-G20	

Änderungszustand dieses Blattes

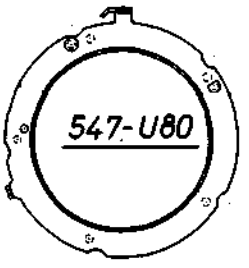
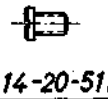
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
626	2	7. 3. 61	1268	10	7. 3. 61			
653	4	" "						
768	6	" "						
1071	8	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

PRONTO-LK X547

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 7. 3. 61

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 1411 Change Nr. 1411		
2	X549 - 812	Ringanschlag	 X549-812
		ring stop	
3	1514-20-5110	Ringanschlagschr.	 1514-20-5110
		ring stop screw	
4			
	Änderung Nr. 1566 Change Nr. 1566		
5	547 - U80	Antriebring an Stelle v. 555 - U80	 547-U80
		drive ring inst. of 555 - U80	
6	476 - 116	Sektor an Stelle v. 555 - 116	 0.07mm 476 - 116
		shutter blade inst. of 555 - 116	
7			
	Änderung Nr. 1681 Change Nr. 1681		
8	2614 - 14 - 8500	Rastenhebelschr. an Stelle v. 0475-387	 2614-14-8500
		notch lever screw inst. of 0475 - 387	
9			
	Änderung Nr. 1731 Change Nr. 1731		
10	1514-20-5110	Spannhebelanschlagschr an Stelle v. 00499 - 135	 1514-20-5110
		cocking lever stop scr. inst. of 00499 - 135	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
1411	2, 3	7. 3. 61						
1566	5, 6	" " "						
1681	8	23. 9. 63						
1731	10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

PRONTO-LK X547

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 23.9.63 fc

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 1817 Change Nr. 1817		
2	2814-20-5220	Zeithebelschr. an Stelle v. 00257-120	 2814-20-5220
		B - lever screw inst. of 00257 - 120	
3			
	Änderung Nr. 1941 Change Nr. 1941		
4	X476 - 107	Auslöshebelschr. an Stelle v. X496-107	 X476-107
		release lever screw inst. of X496 - 107	
5			
	Änderung Nr. 1943 Change Nr. 1943		
6	470 - U543.1	Zeit - Rastenhebel an Stelle v. 00470-U543	 470-U543.1
		click stop lever inst. of 00470 - U543	
7	470 - 546.1	Rastenhebelfeder an Stelle v. 00470-546	 470 - 546.1
		notch lever spring inst. of 00470 - 546	
8			
	Änderung Nr. 2084 Change Nr. 2084		
9	0257 - 146.1	Fingerhebelschr. an Stelle v. 0257-146	 0257-146.1
		trigger release screw inst. of 0257 - 146	
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
1817	2	23.9.63						
1941	4	" " "						
1943	6, 7	" " "						
2084	9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

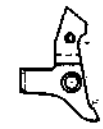
PRONTO-LK X547

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt: 23. 9. 63 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 2722, 2834 Change Nr. 2722, 2834	
2	547 - U15	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 597-U15
		base plate with. sketch cannot be supplied inst. of 597-U15
3	547 - U85	Auslöser an Stelle v. 00346-U85.1
		release inst. of 00346-U85.1
4	546 - U119	Zeithebel an Stelle v. 555-119.1
		B-lever inst. of 555-119.1
5	416 - 120	Zeithebelschr. an Stelle v. 00257-120
		B-lever screw inst. of 00257-120
6	546 - 121	Zeithebelfeder an Stelle v. 00555-121
		B-lever spring inst. of 00555-121
7	577 - 130	Auslöserfeder an Stelle v. 00345-130
		release spring inst. of 00345-130
8		
	Änderung Nr. 3046 Change Nr. 3046	
9	257 - 133	Vorlaufwerkfeder an Stelle v. 597-133
		spring for del. act. dev. inst. of 597-133
10		

Teil:

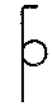


547-U85

546-U119

416-120

546-121



577-130

257-133

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
2722,2834	2 - 7	23. 9. 63						
3046	9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

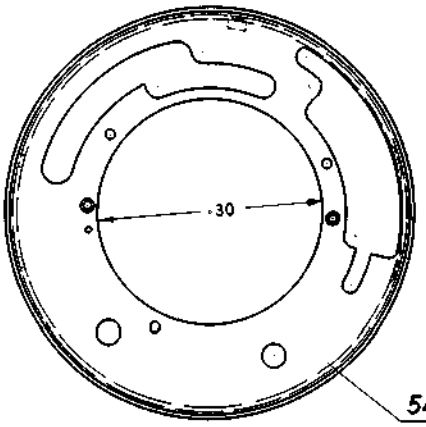
PRONTO-LK X547

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 6 | Gepr. .....
Gefertigt: 23. 9. 63 fe.

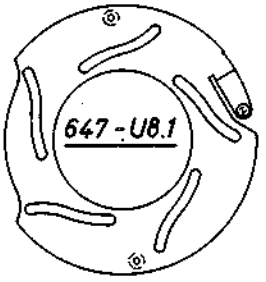
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 3066 Change Nr. 3066	
2	565 - 812	Ringanschlag an Stelle v. X549-812
		ring stop inst. of X549-812
3		
	Änderung Nr. 3601 Change Nr. 3601	
4	547 - U7.1	Iriszeigerring an Stelle v. 00547-U7
		diaphragm pointer ring inst. of 00547-U7
5	647 - U8.1	Irisscheibe an Stelle v. 00395-U8
		diaphragm disc inst. of 00395-U8
6		
	Änderung Nr. 3863 Change Nr. 3863	
7	637 - 133	Vorlaufwerkfeder an Stelle v. 257-133
		spring for del. act. dev. inst. of 257-133
8		
	Änderung Nr. 4128 Change Nr. 4128	
9	X546 - 129.1	Antriebringfeder an Stelle v. X546-121
		drive ring spring inst. of X546-121
10		

565-812



547-U7.1

Die Teile 547-U7.1, 647-U8.1 nur zusammen austauschbar
The parts 547-U7.1, 647-U8.1 can only be replaced together



647-U8.1

637-133

X546-129.1

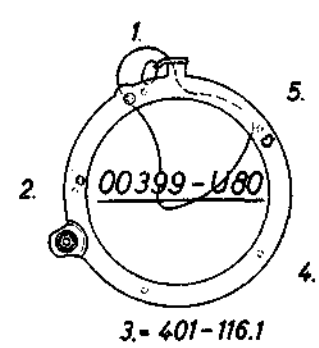
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
3066	2	23. 9. 63	4128	9	3. 11. 64			
3601	4, 5	" " "						
3863	7	" " "						

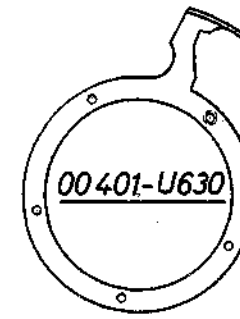
Alfred Gauthier G m.b.H. Calmbach a. d. Enz	Mod. 00401	Liste best. aus Bl. 1 – 4	Bl Nr. 1
		Gefertigt 14 11 57 le.	Gepr.
		Anz. der And.-Bl. 1, 2, 3, 4 5	

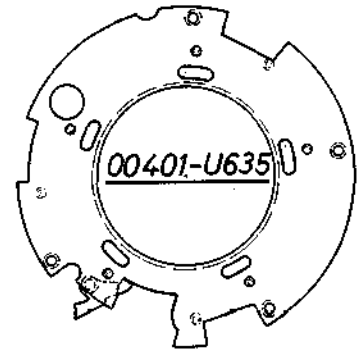
Teil Nr.:	Teilbenennung:
00399 - U80	Antriebring
	drive ring
00401 - U630	Decksektoren-Antriebring
	drive ring for cover shutter blade
00401 - U635	Decksektoren-Lagerscheibe
	bearing disc for cover shutter blade
00401 - U10	Deckscheibe
	cover disc
00401 - U3	Deckel
	cover
00401 - U647	E-Messerwinkel
	range finder angular
00401 - U85	Fingerhebel
	trigger release
00401 - U1	Kapsel
	housing
00353b-U173	Kontaktplatte
	contact plate
00353b-U226	Kontakthebel II
	contact lever
00401 - U580	Kupplungshebel
	coupling lever
00375 - U543	Rastenhebel
	notch lever
00401 - U96	Spannhebel
	cocking lever
00345 - U437.2	Spannarm II
	cocking arm
00401 - U15	Werkteil
	base plate

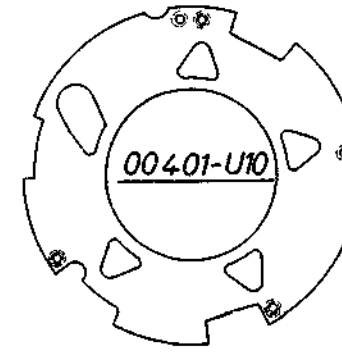
Teil:

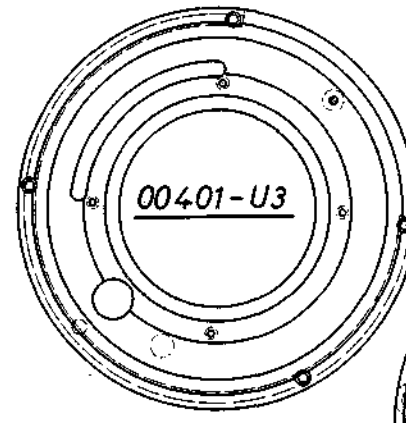


3.= 401-116.1



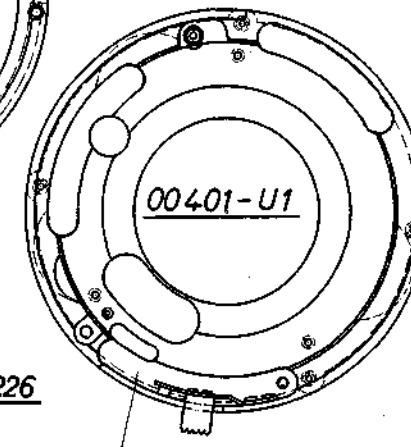






00401-U647

00401-U85

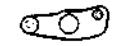


wird nicht abgegeben
cannot be supplied

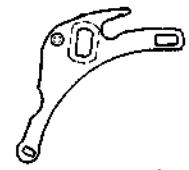
00353b-U173

00353b-U226

00401-U580

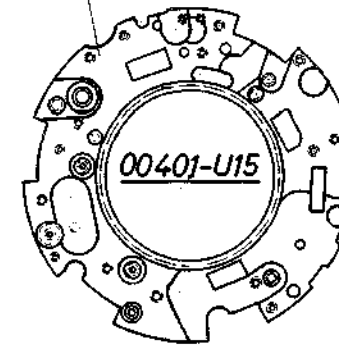


00375-U543



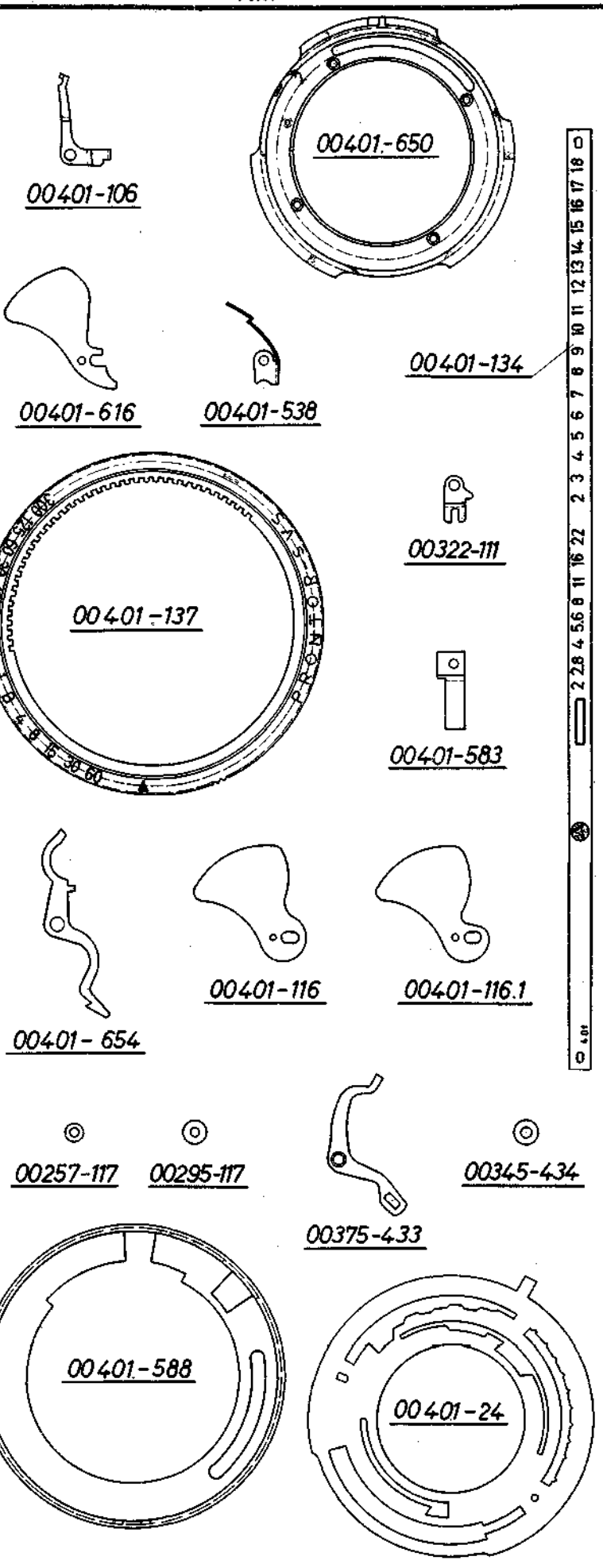
00345-U437.2

00401-U96



Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 00 401	Liste best. au. Bl.	Bl. Nr. 2
		Gefertigt 14.11.57	Gepr.
		Anz. der Änd. Bl.	

Teil Nr.:	Teilbenennung	Teil:
00401 - 106	Auslöshebel	
	release lever	
00401 - 650	Bajonettring	
	bayonet ring	
00401 134	Blendenbogen	
	diaphragm band	
1.7 DIN 6799	Benzing-Sicherung (ohne Skizze)	
	benzing fuse (with sketsch)	
00401 - 616	Decksektor 5 Stück	
	cover shutter blade 5pcs.	
00401 - 137	Einstellring	
	speed setting ring	
00401 - 538	Haltefeder	
	holding spring	
00322 - 111	Kontaktthebel I	
	contact lever	
00401 - 583	Kupplungsfeder	
	coupling spring	
00401 - 654	Riegelhebel f. Decksektor	
	bar lever for cover shutter blade	
00401 - 116	Sektor 4 Stück	
	shutter blade 4 pcs.	
00401 - 116.1	Sektor 1 Stück	
	shutter blade 1 pcs.	
00257 - 117	Sektorenscheibe 1 Stück	
	shutter blade washer 1 pcs.	
00295 - 117	Sektorenscheibe 4 Stück	
	shutter blade washer 4 pcs.	
00375 - 433	Spannarm I	
	cocking arm	
00345 - 434	Spannarmscheibe	
	cocking arm disc	
00401 - 588	Skalenring	
	scale ring	
00401 - 24	Steuerscheibe	
	control disc	



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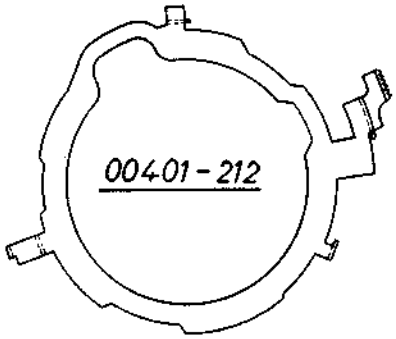
Mod. 00 401

Liste best. aus Bl. | Bl. Nr. 3
Gefertigt 14.11.57 | Gepr.
Anz. der Änd.-Bl.

Teil Nr.:	Teilbenennung:
00401 - 212	Umstellring
	synchro switch ring
00401 - 119	Zeithebel
	B-lever
00309 - 255	Zeithebelunterlagscheibe
	B-lever washer
00475g-G20	Hemmwerk
	slow speed assembly
00375 - G49	Vorlaufwerk
	delayed action device
00346 - 107	Auslöshebelschr.
	release lever screw
00476 - 135	Blendenbogenschr. 2 Stck.
	diaphragm band screw 2pcs.
00375 - 443	Bef-Schr. f. Vlfw. lang
	fixing screw for d.a. , long
00257 - 157	Bef. Schr. f. Vlfw. kurz
	fixing screw for d.a., short
00280 - 136	Bef.-Schr. f. HW lang
	fixing screw for s.s.a. long
00280 - 138	Bef.-Schr. f. HW kurz
	fixing screw for s.s.a. short
00401 - 651	Bajonettringschr. 4 Stück
	bayonet ring screw 4 pcs.
00401 - 645	Deckelschr. 4 Stück
	cover screw 4 pcs.
241 - 117	Deckscheibenschr.
	cover disc screw
00401 - 649	E-Messertaststift
	range finder tracing pin
0257 - 146	Fingerhebelschr.
	tigger release screw
00350a1 - 356	Gew.-Stift M 1.4x 2.5 DIN 553
	thread pin M 1.4x2.5 DIN 553
00335 - 272	Haltefederschr.
	holding spring screw
00280 - 112	Kontakthebelbüchse
	contact lever bushing
00257 - 113	Kontakthebelschr. / contact lever screw
KS8 1x5.8 DIN1475	Knebelkerbstift (ohne Skizze) / pin as per DIN (with. sketsch)

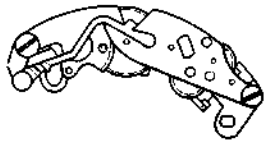
Teil:



00401-119

00309-255

00475g - G20

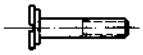


00375 - G49

wird nur als Ganzes abgegeben
only complete assembly can be supplied

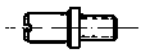
00346 - 107

00476-135



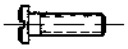
00375-443

00257-157



00280-136

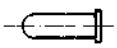
00280-138



00401 - 651

00401-645

241-117



00401 - 649

0257-146

00350a1-356

00335-272

00280-112

00257-113

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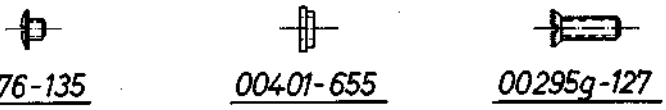
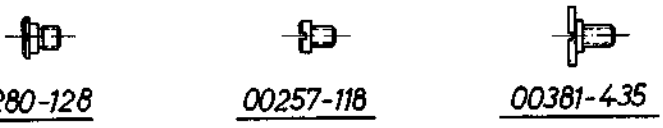
Mod. 00401

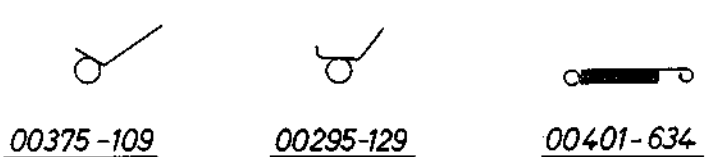
Liste best. aus Bl. | Bl. Nr. 4
Gefertigt 14. 11. 57 | Gepr.
Anz. der Änd.-Bl.

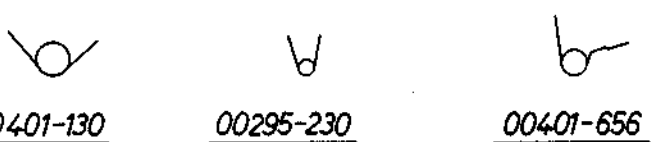
Teil Nr.:	Teilbenennung:
00476 - 135	Kupplungsfederschr.
	coupling spring screw
00401 - 655	Riegelhebelbüchse
	bar lever bushing
00295g - 127	Ringfederanschlagschr.
	stop screw for ring spring
00280 - 128	Ringfederschr.
	ring spring screw
00257 - 118	Sektorenschr. 5 Stück
	shutter blade screw
00381 - 435	Spannarmschr
	cocking arm screw
00401 - 142	Werkteilschr 3 Stück
	base plate screw
00257 - 120	Zeithebelschr.
	B-lever screw
00375 - 109	Auslöshebelfeder
	release lever spring
00295 - 129	Antriebringfeder
	drive ring spring
00401 - 634	Decksektorenringfeder
	ringspring for cover shutter blade
00401 - 130	Fingerhebelfeder
	trigger release spring
00295 - 230	Kontakthebelfeder
	contact lever spring
00401 - 656	Riegelhebelfeder
	bar lever spring
00375 - 546	Rastenhebelfeder
	notch lever spring
00475 - 541	Rücklauffeder
	returning spring
00375 - 132	Spannhebelfeder
	cocking lever spring
00345 - 104	Treibklinkenfeder
	driving latch spring
00345 - 133	Vlfw. - Feder
	spring for del. act. dev.
00346 - 121	Zeithebelfeder
	B-lever spring

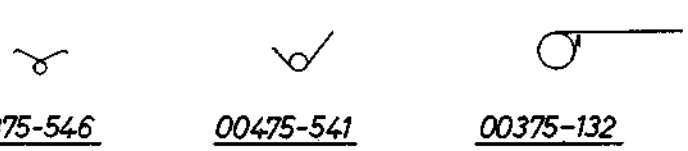
Teil.

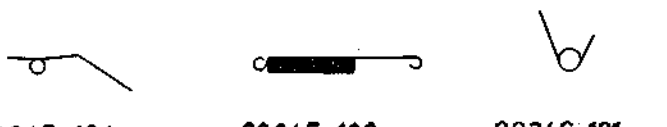












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Mod. 00401

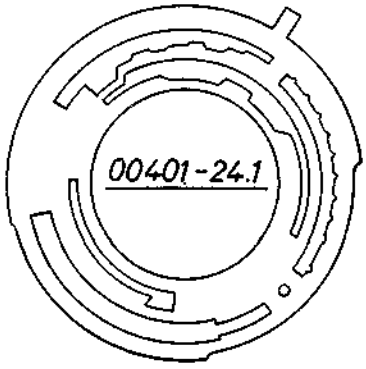
Geänderte Teile
Changed parts

Liste besteht aus Blatt 1,2,3,4,5
Blatt Nr. 1 | Gepr. .....
Gefertigt: 18.11.57 K.

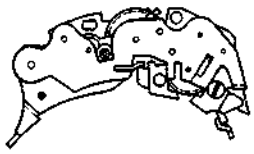
Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 7257 Change Nr. 7257		
2	00499 - G20	Hemmwerk an Stelle v. 00475g - G20	
		slow speed assembly inst. of 00475g - G20	
3			
	Änderung Nr. 7588 Change Nr. 7588		
4	00499 - G20.1	Hemmwerk an Stelle v. 00499-G20	
		slow speed assembly inst. of 00499-G20	
5	00401 - 24.1	Steuerscheibe an Stelle v. 00401-24	
		control disc inst. of 00401-24	
6			
	Änderung Nr. 7595 Change Nr. 7595		
7	00401 - U226	Kontakthebel II an Stelle v. 00353b-U226	
		contact lever inst. of 00353b - U226	
8			
	Änderung Nr. 7616 Change Nr. 7616		
9	00410 - 654	Riegelhebel f. Decksektor an Stelle v. 00401-654	
		bar lever for cover shutter blade inst. of 00401-654	
10	00410 - 656	Riegelhebelfeder an Stelle v. 00401-656	
		bar lever spring inst. of 00401-656	

00499-G20

wird nur als Ganzes abgegeben
only complete assembly can be supplied



00401-24.1



00499-G20.1

wird nur als Ganzes abgegeben
only complete assembly can be supplied

00401-U226

00410-654

00410-656

Fortsetzung zu Änd. 7616 auf Bl. Nr. 2
continuation of change Nr. 7616 on sheet 2

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7257	2	18.11.57						
7588	4,5	" " "						
7595	7	" " "						
7616	9,10	" " "						

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Calmbach a. d. Enz

Mod. 00401

Geänderte Teile
Changed parts

Liste besteht aus Blatt ....
Blatt Nr. 2 | Gepr. ....
Gefertigt: 18.11.57 ....

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	00401 - U15.1	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00401-U15	
		base plate (with. sketsch) cannot be supplied inst. of 00401-U15	
2			
	Änderung Nr. 7645 / Change Nr. 7645		
3	00410 - U15	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00401-U15.1	
		base plate (with. sketsch) cannot be supplied inst of 00401-U15.1	
4			
	Änderung Nr. 7681 / Change Nr. 7681		
5	00257 - 117	Sektorenscheibe 4 Stück an Stelle v. 00295-117	◎ 00257-117
		shutter blade washer 4 pcs. inst. of 00295 - 117	
6	0280 - 117	Sektorenscheibe 1 Stück an Stelle v. 00257-117	◎ 0280-117
		shutter blade washer 1 pcs. inst. of 00257 - 117	
7			
	Änderung Nr. 8153 / Change Nr. 8153		
8	00410 - U580	Kupplungshebel an Stelle v. 00401-U580	 00410-U580
		coupling lever inst. of 00401-U580	
9	00410 - 579	Griffstückhülle	 00410-579
		actuation handle sleeve	
10			

Änderungszus and dieses Blattes

Änd Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7616	1	18.11.57						
7645	3	" " "						
7681	5,6	" " "						
8153	9	" " "						

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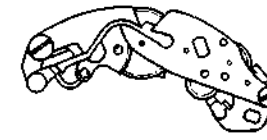
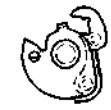
Calmbach a. d. Enz

Mod. 00401

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 1.4.58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 8290 Change Nr. 8290		
2	00411 - U96	Spannhebel an Stelle v. 00401 - U96	
		cocking lever inst. of 00401 - U96	 00411 - U96
3	00411 - U15	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00410 - U15	
		base plate (with. sketsch) cannot be supplied inst. of 00410 - U15	
4			
	Änderung Nr. 8484 Change Nr. 8484		
5	00475 - G49	Vorlaufwerk an Stelle v. 00375 - G49	 00475 - G49 wird nur als Ganzes abgegeben only complete assembly can be supplied
		delayed action device inst. of 00375 - G49	
6			
	Änderung Nr. 8603 Change Nr. 8603		
7	411 - U96.1	Spannhebel an Stelle v. 411 - U96	
		cocking lever inst. of 411 - U96	 411 - U96.1
8			
	Änderung Nr 8757 Change Nr 8757		
9	412 - 656	Riegelhebelfeder an Stelle v. 410 - 656	
		bar lever spring inst. of 410 - 656	 412 - 656
10			

Änderungszustand dieses Blattes

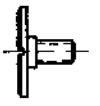
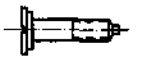
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8290	2, 3	14. 58						
8484	5	" "						
8603	7	26. 6. 61						
8757	9	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00401

Geänderte Teile
Changed parts

Liste besteht aus Blatt ....
Blatt Nr. 4 | Gepr. ....
Gefertigt: 26. 6. 61 K.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 8993 Change Nr. 8993		
2	346 - 465	Unterlegscheibe	 346-465
		washer	
3			
	Änderung Nr. 9007 Change Nr. 9007		
4	412 - 435	Spannarmschr. an Stelle v. 381 - 435	 412-435
		cocking arm screw inst. of 381 - 435	
5			
	Änderung Nr. 9383 Change Nr. 9383		
6	475 - 111	Kontakthebel an Stelle v. 322 - 111	 475-111
		contact lever inst. of 322 - 111	
7			
	Änderung Nr. 9618 Change Nr. 9618		
8	411 - U96.2	Spannhebel an Stelle v. 411-U96.1	 411-U96.2
		cocking lever inst. of 411-U96.1	
9			
	Änderung Nr. 129 Change Nr. 129		
10	491 - 443	Bef. Schr. f. Vlfw. lang an Stelle v. 375 - 443	 491-443
	fixing screw for delayed action device long	inst. of 375 - 443	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8993	2	26. 6. 61	129	10	26. 6. 61			
9007	4	" " "						
9383	6	" " "						
9618	8	" " "						

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 00401	Geänderte Teile Changed parts	Liste besteht aus Blatt ..... Blatt Nr. 5 Gepr. ..... Gefertigt: 26. 6. 61 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	Änderung Nr. 300 Change Nr. 300		
2	X 546 - 129	Antriebringfeder an Stelle v. 295 - 129 drive ring spring inst. of 295 - 129	 X 546-129
3			
4			
5			
6			
7			
8			
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
300	2	26. 6. 61						

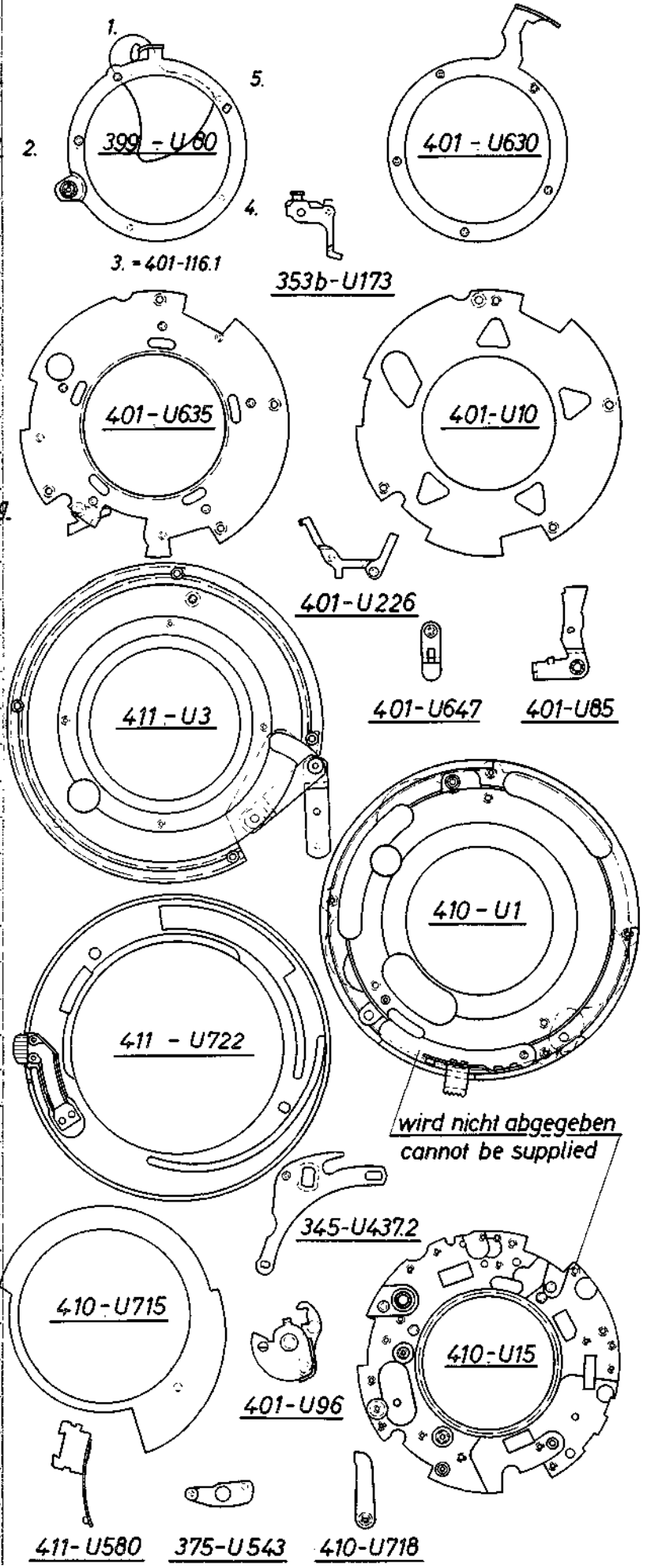
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 411

Liste besf. aus Bl. 1 – 4	Bl. Nr. 1
Gefertigt 11. 4. 58	Gepr.
Anz. der Änd.-Bl. 1-4	

Teil Nr.:	Teilbenennung:
399 - U80	Antriebring
	drive ring
401 - U630	Decksektoren-Antriebring
drive ring for cover shutter blade	
401 - U635	Decksektoren-Lagerscheibe
bearing disc for cover shutter blade	
401 - U10	Deckscheibe
	cover disc
411 - U3	Deckel
	cover
401 - U647	E - Messerwinkel
	range finder angular
401 - U85	Fingerhebel
	trigger release
411 - U722	Filmempfindlichkeitsring
	film sensitivity ring
410 - U1	Kapsel
	housing
353b - U173	Kontaktplatte
	contact plate
401 - U226	Kontakthebel II
	contact lever II
411 - U580	Kupplungshebel
	coupling lever
375 - U543	Rastenhebel
	notch lever
401 - U96	Spannhebel
	cocking lever
345 - U437.2	Spannarm II
	cocking arm II
410 - U715	Tastring
	tracing ring
410 - U15	Werkteil
	base plate
410 - U718	Zeigerhebel
	pointer lever

Teil.



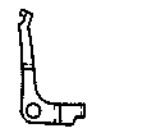
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

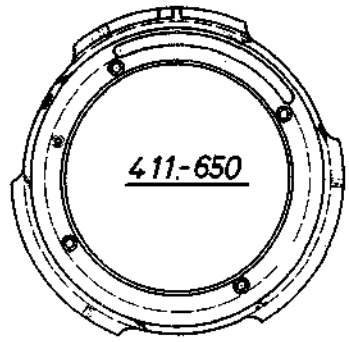
Mod. 411

Liste best. aus Bl.	Bl. Nr. 2
Gefertigt 11. 4. 58 /e.	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
401 - 106	Auslöshebel
	release lever
411 - 650	Bajonettring
	bayonet ring
411 - 134	Blendenbogen
	diaphragm band
1.7 DIN 6799	Benzing-Sicherung (ohne Skizze)
	benzing fuse (with sketsch)
401 - 616	Decksektor 5 Stück
	cover shutter blade 5pcs.
411 - 137	Einstellring
	speed setting ring
401 - 538	Haltefeder
	holding spring
322 - 111	Kontakthebel I
	contact lever
401 - 583	Kupplungsfeder
	coupling spring
410 - 654	Riegelhebel f. Decksektor
	bar lever for cover shutter blade
401 - 116	Sektor 4 Stück
	shutter blade 4 pcs.
401 - 116.1	Sektor 1 Stück
	shutter blade 1 pcs.
257 - 117	Sektorenscheibe 1 Stück
	shutter blade washer 1 pcs.
0280 - 117	Sektorenscheibe 4 Stück
	shutter blade washer 4 pcs.
375 - 433	Spannarm I
	cocking arm
345 - 434	Spannarmscheibe
	cocking arm disc
411 - 588	Skalenring
	scale ring
401 - 24.1	Steuerscheibe
	control disc

Teil:

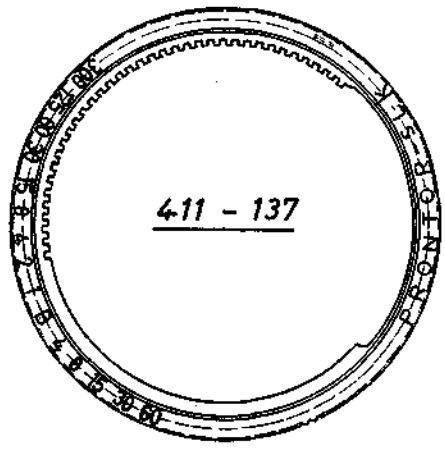

401 - 106


411 - 650


401 - 616


401 - 538

411 - 134


411 - 137


322 - 111


401 - 583


410 - 654


401 - 116

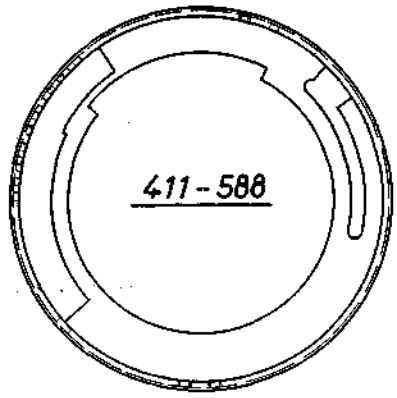

401 - 116.1

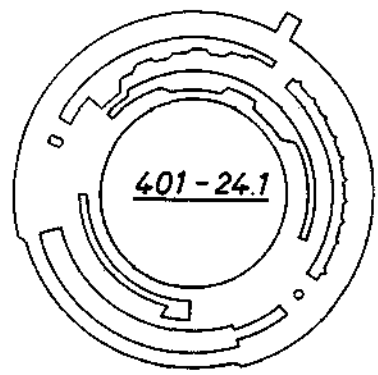

257 - 117


0280 - 117


375 - 433


345 - 434


411 - 588


401 - 24.1

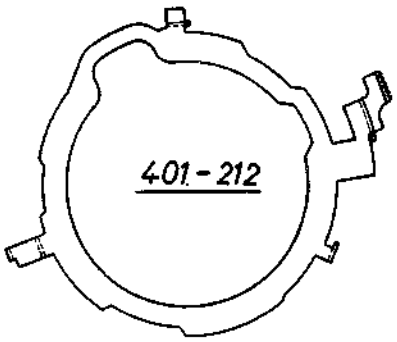
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 411

Liste best. aus Bl. | Bl. Nr. 3
Gefertigt 11.4.58 /e. | Gepr.
Anz. der Änd.-Bl.

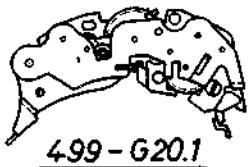
Teil Nr.:	Teilbenennung:
401 - 212	Umstellring
	synchro switch ring
401 - 119	Zeithebel
	B-lever
309 - 255	Zeithebelunterlagscheibe
	B-lever washer
499 - G20.1	Hemmwerk
	slow speed assembly
375 - G49	Vorlaufwerk
	delayed action device
346 - 107	Auslöshebelschr.
	release lever screw
476 - 135	Blendenbogenschr. 2 Stck.
	diaphragm band screw 2pcs.
375 - 443	Bef.-Schr. f. Vlfw. lang
	fixing screw for d.a. , long
257 - 157	Bef. Schr. f. Vlfw. kurz
	fixing screw for d.a., short
280 - 136	Bef.-Schr. f. HW lang
	fixing screw for s.s.a. long
280 - 138	Bef.-Schr. f. HW kurz
	fixing screw for s.s.a. short
401 - 651	Bajonettringschr. 4 Stück
	bayonet ring screw 4 pcs.
401 - 645	Deckelschr. 4 Stück
	cover screw 4 pcs.
241 - 117	Deckscheibenschr.
	cover disc screw
411 - 649	E-Messertaststift
	range finder tracing pin
0257 - 146	Fingerhebelschr.
	tigger release screw
350a1 - 356	Gew.-Stift M 1.4x 2.5 DIN 553
	thread pin M 1.4x2.5 DIN 553
335 - 272	Haltefederschr.
	holding spring screw
280 - 112	Kontakthebelbüchse
	contact lever bushing
257 - 113	Kontakthebelschr.
	contact lever screw
KS 8 1 x 5.8 DIN 1475	Knebelkerbstift (ohne Skizze)
	pin as per DIN (with sketch)

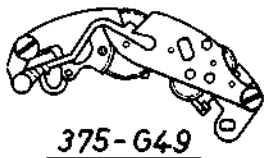
Teil:


401 - 212


401-119


309-255

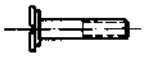

499 - G20.1


375 - G49

wird nur als Ganzes abgegeben
only complete assembly can be supplied


346 - 107


476 - 135

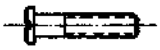

375 - 443


257 - 157

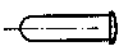

280 - 136


280 - 138


401 - 651


401 - 645


241 - 117


411 - 649


0257 - 146


350a1 - 356


335 - 272


280 - 112


257 - 113

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 411

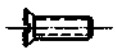
Liste best. aus Bl.	Bl. Nr. 4
Gefertigt 11. 4. 58 /k.	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
476 - 135	Kupplungsfederschr.
	coupling spring screw
401 - 655	Riegelhebelbüchse
	bar lever bushing
295g - 127	Ringfederanschlagschr.
	stop screw for ring spring
280 - 128	Ringfederschr.
	ring spring screw
257 - 118	Sektorenschr. 5 Stück
	shutter blade screw
381 - 435	Spannarmschr
	cocking arm screw
401 - 142	Werkteilschr. 3 Stück
	base plate screw
257 - 120	Zeithebelschr.
	B-lever screw
375 - 109	Auslöshebelfeder
	release lever spring
295 - 129	Antriebringfeder
	drive ring spring
401 - 634	Decksektorenringfeder
	ring spring for cover shutter blade
401 - 130	Fingerhebelfeder
	trigger release spring
295 - 230	Kontakthebelfeder
	contact lever spring
410 - 656	Riegelhebelfeder
	bar lever spring
375 - 546	Rastenhebelfeder
	notch lever spring
475 - 541	Rücklauffeder
	returning spring
375 - 132	Spannhebelfeder
	cocking lever spring
345 - 104	Treibklinkenfeder
	driving latch spring
345 - 133	Vlfw. - Feder
	spring for del. act. dev.
346 - 121	Zeithebelfeder
	B-lever spring

Teil:


476-135

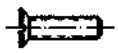

401-655


295g-127

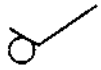

280-128


257-118


381-435


401-142


257-120


375-109


295-129


401-634

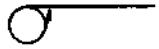

401-130

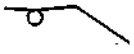

295-230


410-656


375-546


475-541


375-132


345-104


345-133


346-121

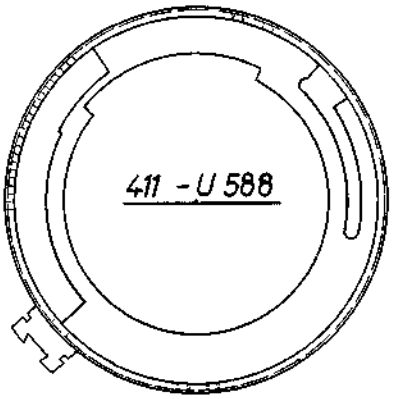
Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 411

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1-4
Blatt Nr. 1 | Gepr. .....
Gefertigt: 11. 4. 58 fe.

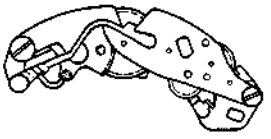
Lfd.Nr.	Teil Nr.	Teilbenennung:	Teil:
1			
	Änderung Nr. 8154 Change Nr. 8154		
2	411 - U588	Skalenring an Stelle v. 411-588	
		scale ring inst. of 411-588	
3	410 - 579	Griffstückhülle 2 Stück	
		actuation handle sleeve	
4			
	Änderung Nr. 8290 Change Nr. 8290		
5	411 - U96	Spannhebel an Stelle v. 401-U96	
		cocking lever inst. of 401-U96	
6	411 - U15	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 410-U15	
		base plate (with sketsch) cannot be supplied inst. of 410-U15	
7			
	Änderung Nr. 8484 Change Nr. 8484		
8	475 - G49	Vorlaufwerk an Stelle v. 375-G49	
		delayed action device inst. of 375-G49	
9			
	Änderung Nr 8603 Change Nr. 8603		
10	411 - U96.1	Spannhebel an Stelle v. 411-U96	
		cocking lever inst. of 411-U96	



411 - U 588

410-579

411-U96



475-G49

wird nur als Ganzes abgegeben
only complete assembly can be supplied

411-U96.1

Änderungszustand dieses Blattes

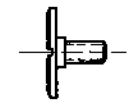
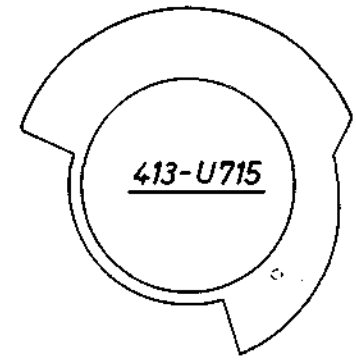
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8154	2 3	11.4 58						
8290	5,6	" " "						
8484	8	" " "						
8603	10	29 6.6						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 411

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt 29.6.61 fc.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 8757 Change Nr. 8757		
2	412 - 656	Riegelhebelfeder an Stelle v. 410-656	 412-656
		bar lever spring inst. of 410-656	
3			
	Änderung Nr. 9007 Change Nr. 9007		
4	412 - 435	Spannarmschr. an Stelle v. 381-435	 412-435
		cocking arm screw inst. of 00381 - 435	
5			
	Änderung Nr. 9362 Change Nr. 9362		
6	413 - U715	Tastring an Stelle v. 410-U715	 413-U715
		tracing ring inst. of 410-U715	
7			
	Änderung Nr. 9383 Change Nr. 9383		
8	475 - 111	Kontakthebel an Stelle v. 322-111	 475-111
		contact lever inst. of 322-111	
9			
	Änderung Nr. 9618 Change Nr. 9618		
10	411 - U96.2	Spannhebel an Stelle v. 411-U96.1	 411-U96.2
		cocking lever inst. of 411-U96.1	

Änderungszustand dieses Blattes

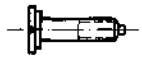
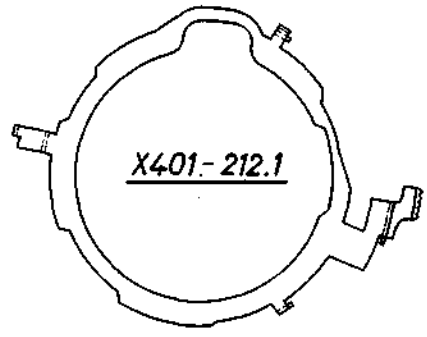
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8757	2	29.6.61	9618	10	29.6.61			
9007	4	" " "						
9362	6	" " "						
9383	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 411

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 29.6.61 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 129 Change Nr. 129		
2	491 - 443	Bef. Schr. f. Vlfw. lang an Stelle v. 375-443	 491 - 443
		fixing scr. for del. act. dev. long inst. of 375 - 443	
3			
	Änderung Nr. 300 Change Nr. 300		
4	X 546 - 129	Antriebringfeder an Stelle v. 295-129	 X 546 - 129
		drive ring spring inst. of 295-129	
5			
	Änderung Nr. 1478 Change Nr. 1478		
6	X 401 - 212.1	Umstellring an Stelle v. 401-212	 X401-212.1
		synchro switch ring inst. of 401-212	
7			
	Änderung Nr. 2847 Change Nr. 2847		
8	546 - 121	Zeithebelfeder an Stelle v. 346-121	 546 - 121
		B-lever spring inst. of 346-121	
9			
10			

Änderungszustand dieses Blattes

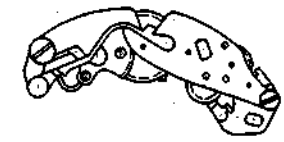
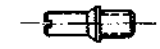
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
129	2	29. 6. 61						
300	4	" " "						
1478	6	" " "						
2847	8	3. 11. 64						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 411

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 3. 11. 64 fe.

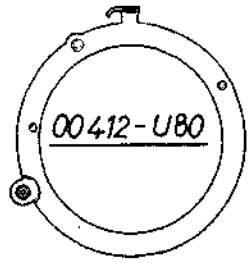
Lfd. Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 2059 Change Nr. 2059		
2	412 d - U173	Kontaktplatte an Stelle v. 353b-U173	 412d-U173
		contact plate inst. of 353b-U173	
3			
	Änderung Nr. 3343 Change Nr. 3343		
4	X 546 - G49.2	Vorlaufwerk an Stelle v. 475-G49	 X 546 - G49.2 wird nur als Ganzes abgegeben only complete assembly can be supplied
		delayed action device inst. of 475-G49	
5			
	Änderung Nr. 3478 Change Nr. 3478		
6	GN 174 01 7 002 356	Bef. Schr. f. HW lang an Stelle v. 280-136	 7 002 356
	fixing screw for	slow speed assembly long inst. of 280 - 136	
7			
8			
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
2059	2	3. 11. 64						
3343	4	" " "						
3478	6	" " "						

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 00412	Liste best. aus Bl. 1-4	Bl. Nr. 1
		Gefertigt 5.5.59 fe	Gepr.
		Anz. der And.-Bl. 1-8	

Teil Nr.:	Teilbenennung:
00412 U80	Antriebring
	drive ring
00412 - U85	Fingerhebel
	trigger re ease
00412 U2	Gehäuseboden ohne Skizze
	housing bottom with sketsch
00412 - U1	Gehäusering ohne Skizze
	housing ring with sketsch
00412 - U735	Getriebe platte
	gear plate
00310h9-U173	Kontaktplatte
	contact plate
00310 -U226.1	Kontakthebel 2
	contact lever 2
00412 - U583	Kupplungsfeder
	coupl ng spring
004 2 - U621	M Sperrfeder
	M - locking spring
00412 - U96	Spannhebel
	cockin lever
00412 - U685	Sektorenlagerring
	shutter blade bearing ring
00345 - U437.2	Spannarm 2
	ocking arm 2
00412 - U588	Skalenring
	scale ring
00412 - U15	Werkteil
	base plate
00375 - U543	Zeit - Rastenhebel
click stop lever	for speed setting ring

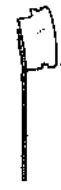



00412 - U85


00412 - U735

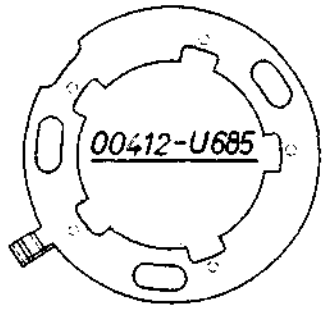

00310h9 - U173

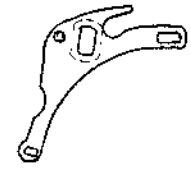

00310 - U226.1

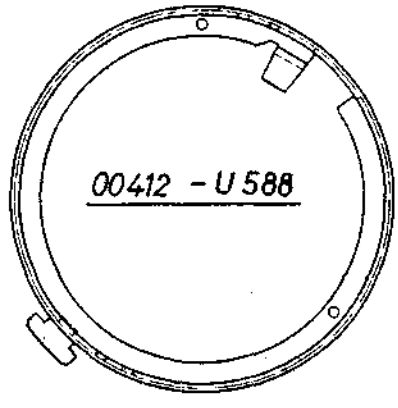

00412 - U583

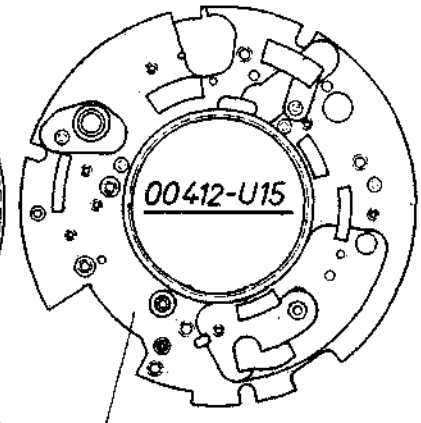

00412 - U621


00412 - U96


00412 - U685


00345 - U437.2


00412 - U588


00412 - U15


00375 - U543

wird nicht abgegeben
cannot be supplied

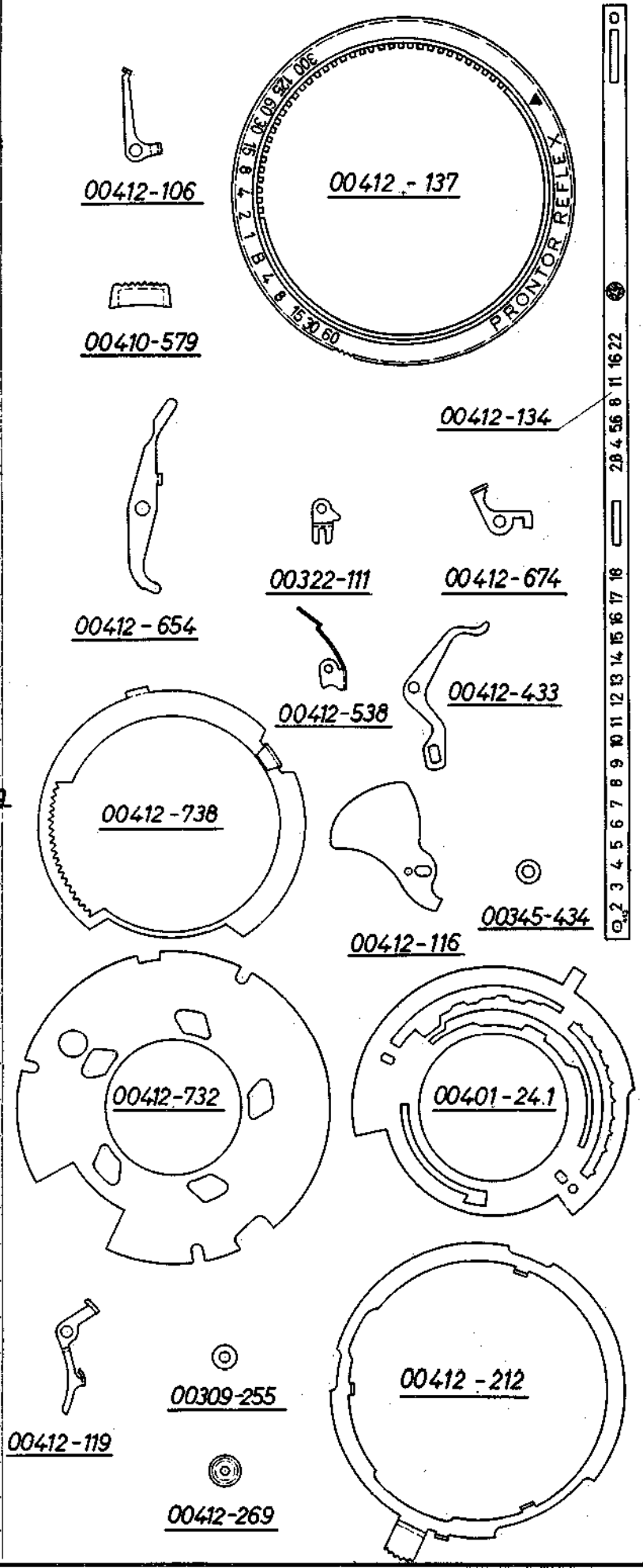
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00 412

Liste best. aus Bl.	Bl. Nr. 2
Gefertigt 15.5.59 le	Gepr.
Anz. der Änd.-Bl.	

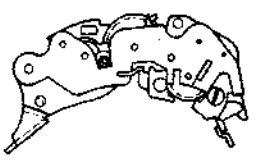
Teil Nr.:	Teilbenennung:
00412 - 106	Auslösehebel
	release lever
00412 - 134	Blendenbogen
	diaphragm band
1.7 DIN 6799	Benzing-Sicherung ohne Skizze
	Benzing fuse with. sketsch
00412 - 650	Bajonettring ohne Skizze
	bayonet ring with. sketsch
00412 - 3	Deckel ohne Skizze
	cover with. sketch
00412 - 137	Einstellring
	speed setting ring
00410 - 579	Griffstückhülle 2 Stück
	actuation handle sleeve 2 pcs.
00412 - 654	Haltehebel
	holding lever
00412 - 538	Haltefeder
	holding spring
00322 - 111	Kontakthebel
	contact lever
00412 - 738	Öffnungsring
	opening ring
00412 - 674	Riegelhebel f. Sektorenlagerring
bar lever for shutter blad	bearing ring
00412 - 116	Sektor 5 Stück
	shutter blade 5 pcs.
00412 - 732	Sektorenplanscheibe
	shutter blade cover plate
00412 - 433	Spannarm I
	cocking arm I
00345 - 434	Spannarmscheibe
	cocking arm disc
00401 - 24.1	Steuerscheibe
	control disc
00412 - 212	Umstellring
	synchro switch ring
00412 - 119	Zeithebel
	B- lever
00309 - 255	Zeithebelunterlegscheibe
	B-lever washer
00412 - 269	Zwischenrad
	intermediate wheel

Teil:

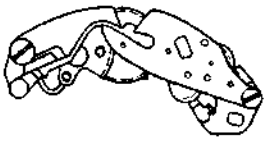


Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 00412	Liste best. aus Bl	Bl. Nr. 3
		Gefertigt 15.5.59 fe.	Gepr
		Anz der Änd.-Bl.	

Teil Nr.:	Teilbenennung:	eil:
00412 - G20	Hemmwerk	
	slow speed assembly	
00 475 - G49	Vorlaufwerk	
	delayed action device	
00491 - 683	Antriebringschr. 3 Stück	
	drive ring screw 3 pcs.	
00346 - 107	Auslöshebelschr.	
	release lever screw	
00476 - 135	Blendenbogenschr. 2 Stck.	
	diaphragm band screw 2 pcs.	
00375 - 443	Bef. Schraube f. Vlfw lang	
	fixing screw for del. act. dev. long	
00257 - 157	Bef. Schraube f. Vlfw. kurz	
	fixing screw for del. act dev. short	
00280 - 136	Bef. Schraube f. HW lang	
fixing screw for slow speed assembly long		
00280 - 138	Bef. Schraube f. HW kurz	
fixing screw for slow speed assembly short		
00401 - 651	Bajonettringschr. 4 Stck.	
	bayonet ring screw 4 pcs.	
00412 - 142	Bodenschr. stark 2 Stck.	
	bottom screw large 2 pcs.	
00412 - 127	Bodenschr. schwach 1 Stck.	
	bottom screw small 1 pcs.	
00401 - 645	Deckelschr. lang 3 Stück	
	cover screw long 3 pcs.	
00412 - 646	Deckelschr. kurz	
	cover screw short	
0257 - 146	Fingerhebelschr.	
	trigger release screw	
00353b - 142	Getriebeplattenschr.	
	gear plate screw	
00401 - 655	Haltehebelbüchse	
	holding lever bushing	
00335 - 272	Haltefederschr.	
	holding spring screw	
00280 - 112	Kontakthebelbüchse	
	contact lever bushing	
00257 - 113	Kontakthebelschr.	
	contact lever screw	



00412-G20



00475-G49

wird nur als Ganzes abgegeben
only complete assembly can be supplied

00491-683

00346-107

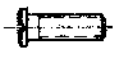
00476-135

00375-443

00257-157

00280-136

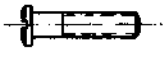
00280-138



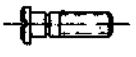
00401-651

00412-142

00412-127



00401-645



00412-646

0257-146

00353b-142

00401-655

00335-272

00280-112

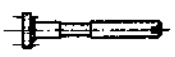
00257-113

Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	Mod. 00412	Liste best aus Bl.	Bl. Nr. 4
		Gefertigt 15.5.59 fe.	Gepr.
		Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
KS 8 1x5.8 DIN1475	Knebelkerbstift ohne Skizze
	pin as per DIN with sketsch
KS 80 0.8x3.8 DIN1475	Knebelkerbstift ohne Skizze
	pin as per DIN with sketsch
00476 - 135	Kupplungsfederschr. 2 Stck.
	coupling spring screw 2 pcs.
00412 - 739	Öffnungsachse
	opening axis
00412 - 741	Öffnungsritzel
	opening gear
00280 - 128	Ringfederschr.
	ring spring screw
00412 - 678	Riegelhebelschr.
	bar lever screw
00381 - 435	Spannarmschr.
	cocking arm screw
00257 - 120	Zeithebelschr.
	B-lever screw
00295 - 129	Antriebringfeder
	drive ring spring
00412 - 109	Auslöshebelfeder
	release lever spring
00345 - 130	Fingerhebelfeder
	trigger release spring
00412 - 656	Haltehebelfeder
	holding lever spring
00295 - 230	Kontakthebelfeder
	contact lever spring
00475 - 541	Rücklauffeder
	returning spring
00412 - 675.1	Riegelhebelfeder
	bar lever spring
00412 - 672	Sektorenlagerringfeder
	shutter blade bearingringspring
00375 - 132	Spannhebelfeder
	cocking lever spring
00345 - 104	Treibklinkenfeder
	driving latch spring
00345 - 133	Vorlaufwerkfeder
	spring for del. act. dev.
00412 - 121	Zeithebelfeder
	B-lever spring
00412 - 546	Zeit-Rastenhebelfeder
	click stop lever spring

Teil:

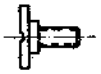

00476-135


00412-739


00412-741

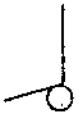

00280-128


00412-678


00381-435


00257-120


00295-129


00412-109


00345-130

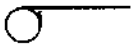

00412-656

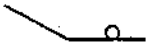

00295-230


00475-541


00412-675.1


00412-672


00375-132


00345-104


00412-121


00345-133


00412-546

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00412

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1-8
Blatt Nr 1 | Gepr. ....
Gefertigt: 15.5.59 K. ....

Lfd.Nr.	Teil Nr :	Teilbenennung:	Teil:
1			
	Änderung Nr. 8634 Change Nr. 8634		
2	00412 - U173	Kontaktplatte an Stelle v. 00310h9 - U173	
		contact plate inst. of 00310h9 - U173	
3			
	Änderung Nr. 8792 Change Nr. 8792		
4	00412 - 116.1	Sektor 1 Stück	
		shutter blade 1 pcs.	
5	00412 - 116	Sektor 4 Stück an Stelle v. 5 Stück	
		shutter blade 4 pcs. inst. of 5 pcs.	
6	00412 - 130	Fingerhebelfeder an Stelle v. 00345 - 130	
		trigger release spring inst of 00345 - 130	
7			
	Änderung Nr. 8831 Change Nr. 8831		
8	00412 - 743	Unterlegscheibe	
		washer	
9			
	Änderung Nr. 8925 Change Nr 8925		
10	00412 - 116	Sektor 5 Stück an Stelle v. 4 Stck. u. 1 Stck. 00412-116.1	
		shutter blade 5 pcs. inst. of 4 pcs. and 1 pcs. 00412-116.1	

00412 - U173

00412 - 116.1

00412 - 116

00412 - 130

00412 - 743

Änderungszustand dieses Blattes

Änd Nr.	Lfd Nr	Tag u Name	Änd Nr.	Lfd. Nr.	Tag u. Name	Änd Nr.	Lfd Nr.	Tag u. Name
8634	2	15 5 59						
8792	4, 5 6	" " "						
8831	8	" "						
8925	10	" " "						

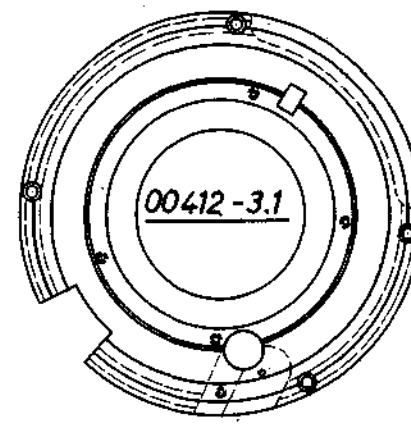
Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00412

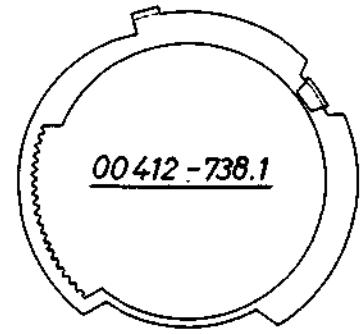
Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 15. 5. 59 fe.

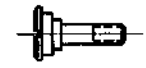
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 8957 Change Nr. 8957	
2	00412 - U15.1	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 00412-U15
		base plate with sketsch cannot be supplied inst. of 00412-U15
3	00412 - 3.1	Deckel an Stelle v. 00412-3
		cover inst. of 00412-3
4	00412 - 679	Distanzbüchse
		distance bushing
5	00412 - 738.1	Öffnungsring an Stelle v. 00412-738
		opening ring inst of 00412-738
6	00412 - 674.1	Riegelhebel f. Sektorenlagerring an Stelle v. 00412-674
	bar lever for shutter blade bearing ring	inst. of 00412-674
7	00412 - 678.1	Regelhebelschraube an Stelle v. 00412-678
		bar lever screw inst of 00412-678
8	00412 - 675.2	Riegelhebelfeder an Stelle v. 00412-675.1
		bar lever spring inst. of 00412-675.1
9		
	Änderung Nr. 8973 Change Nr. 8973	
10	00412 - 116	Sektor 6 Stück an Stelle v. 5 Stück
		shutter blade 6 pcs. inst of 5 pcs.



00412-679



00412-674.1



00412-678.1

00412-675.2

00412-116

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8957	2,3,4,5,6,7,8	15. 5. 59						
8973	10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00412

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt 15.5.59 .....

Lfd Nr.	Teil Nr.:	Teilbenennung:	Teil
1			
	Änderung Nr. 8989 Change Nr. 8989		
2	00412 - 683	Antriebringschr. 3 Stck. an Stelle v. 00491 - 683	 00412-683
		drive ring screw 3 pcs. inst. of 00491 - 683	
3			
	Änderung Nr. 8993 Change Nr. 8993		
4	00346 - 465	Unterlegscheibe	 00346-465
		washer	
5			
	Änderung Nr. 9007 Change Nr. 9007		
6	00412 - 435	Spannarmsch an Stelle v 00381 - 435	 00412-435
		cocking arm screw inst of 00381 - 435	
7			
	Änderung Nr. 9051 Change Nr. 9051		
8	00412 - 116a	Sektor 1 Stück 00412-116 5 Stck. an Stelle v 6 Stck.	 00412-116a
		shutter blade 1 pcs. 00412-116 5 pcs. inst. of 6 pcs.	
9			
	Änderung Nr. 9383 Change Nr 9383		
10	00475 - 111	Kontaktthebel an Stelle v. 00322 - 111	 00475-111
		contact ever inst of 00322 - 111	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd Nr	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8989	2	15. 5. 59	9383	10	15. 5. 59			
8993	4	" "						
9007	6	" "						
9051	8	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00412

Geänderte Teile
Changed parts

Liste besteht aus Blatt ...
Blatt Nr. 4 | Gepr ...
Gefertigt: 15 5 59 ...

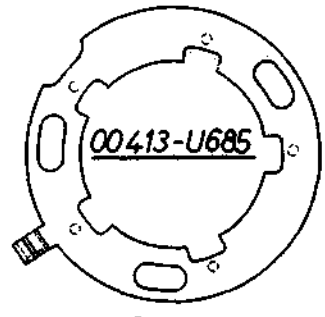
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 9493 Change Nr. 9493	
2	00411 - U583	Kupplungsfeder an Stelle v. 00412-U583
		coupling spring inst. of 00412-U583
3		
	Änderung Nr. 9609 Change Nr 9609	
4	00412 - 116.1	Sektor 5 Stück an Stelle v. 00412-116
		shutter blade 5 pcs. inst of 00412-116
5	00412 - 116a.1	Sektor 1 Stück an Stelle v. 00412-116a
		shutter blade 1pcs inst. of 00412-116a
6		
	Änderung Nr. 9675 Change Nr. 9675	
7	00413 - U735	Getriebeplatte an Stelle v 00412-U735; 00412-269
		gear plate inst. of 00412-U735, 00412-269
8	00413 - U685	Sektorenlagerring an Stelle v. 00412-U685
		shutter blade bearing ring inst. of 00412-U685
9	00412 - U588.1	Skalenring an Stelle v. 00412-U588
		scale ring inst. of 00412-U588
10	00413 - 738	Öffnungsring an Stelle v. 00412-738.1
		opening ring inst of 00412-738.1

Teil.

00411-U583

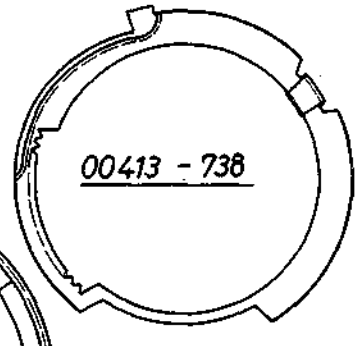
00412-116.1

00412-116a.1

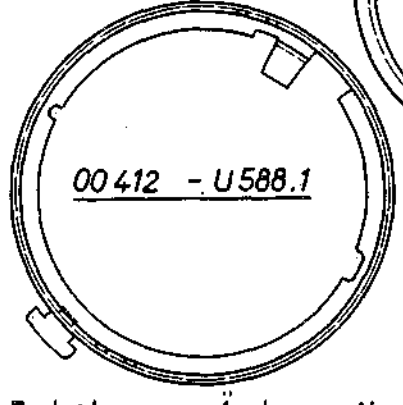


00413-U685

00413-U735



00413 - 738



00412 - U588.1

Fortsetzung zu Änderung Nr 9675 auf Bl Nr. 5
continuation of change Nr. 9675 on sheet 5

Änderungszustand dieses Blattes

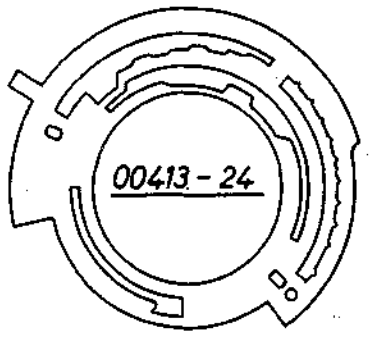
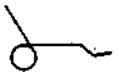
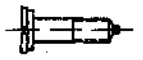
Änd. Nr.	Lfd. Nr	Tag u. Name	Änd Nr	Lfd. Nr.	Tag u. Name	Än. Nr.	Lfd Nr.	Tag u. Name
9493	2	15. 5. 59						
9609	4	" " "						
9675	7, 8 9, 10	8. 6 59						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00412

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt 8. 6. 59 ..

Lfd Nr.	Teil Nr.:	Teilbenennung	Teil:
1	00413 - 674	Riege hebel f. Sektorenlagerring an Stelle v. 00412-674.1	 00413-674
	bar lever for shutter blade bearing ring	inst of 00412-674.1	
2	00413 - 24	Steuerscheibe an Stelle v. 00401-24.1	 00413-24
		control disc inst. of 00401-24.1	
3			
	Änderung Nr. 9696 Change Nr. 9696		
4	00413 - 109	Auslöshebelfeder an Stelle v. 00412-109	 00413-109
		release lever spring inst of 00412-109	
5			
	Änderung Nr. 129 Change Nr. 129		
6	491 - 443	Bef. Schr. f. Vlfw lang an Stelle v 00375-443	 491-443
		fixing scr for del act. dev. long inst. of 00375-443	
7			
	Änderung Nr. 175 Change Nr. 175		
8	X475 - U226	Kontaktthebel an Stelle v. 00310-U226.1	 X475-U226
		contact lever inst. of 00310 - U226.1	
9			
	Änderung Nr 1870 Change Nr. 1870		
10	412 - U15.2	Werkteil ohne Skizze wird nicht abgegeben an Stelle v 00412 - U15.1	
		base plate with sketch cannot be supplied inst. of 00412 - U15.1	

Fortsetzung zu Änderung Nr. 1870 auf Blatt Nr. 6
continuation of change Nr 1870 on sheet Nr. 6

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9675	1, 2	8. 6. 59	187	10	30. 6. 61			
9696	4	6 7 59						
129	6	30. 6 61						
175	8	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00412

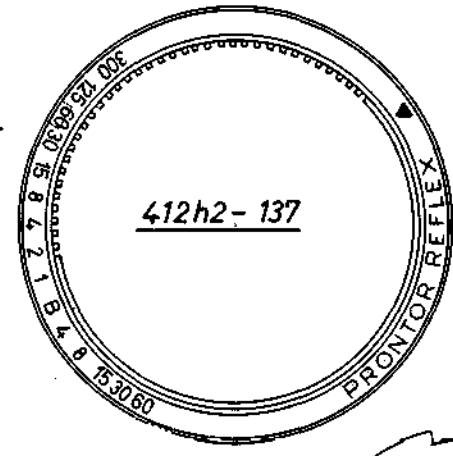
Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 6 | Gepr. .....
Gefertigt: 30. 6. 61 fe.

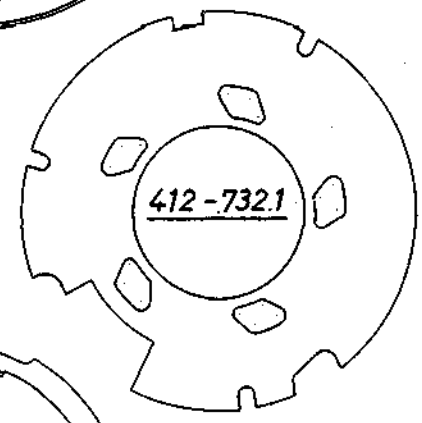
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	412 - U226	Kontakthebel an Stelle v. X475-U226
		contact lever inst. of X475 - U226
2	412h2 - 137	Einstellring an Stelle v. 00412-137
		speed setting ring inst. of 00412 - 137
3	412 - 674 siehe Mod.412 Blatt2 see mod.412 sheet 2	Riegelhebel f. Sektorenlagerring an Stelle v. 00413-674
		bar lever for shutter blade bearing ring inst. of 00413 - 674
4	412 - 732.1	Sektorenplanscheibe an Stelle v. 00412 - 732
		shutter blade cover plate inst. of 00412 - 732
5	413 - 212	Umstellring an Stelle v. 00412-212
		synchro switch ring inst. of 00412 - 212
6	413h - 651	Bajonettringschr. an Stelle v. 00401-651
		bayonet ring screw inst. of 00401-651
7	1014-20-2110	Getriebeplattenschr. 2 Stck an Stelle v. 00353b-142 1 Stck.
		gear plate screw 2pcs. inst. of 00353b-142 1pcs.
8	412 - 678 siehe Mod.412 Blatt 4 see mod.412 sheet 4	Riegelhebelschr. an Stelle v. 00412-678.1
		bar lever screw inst. of 00412 - 678.1
9	412 - 675	Riegelhebelfeder an Stelle v. 00412-675.2
		bar lever spring inst. of 00412 - 675.2
10		

Teil:

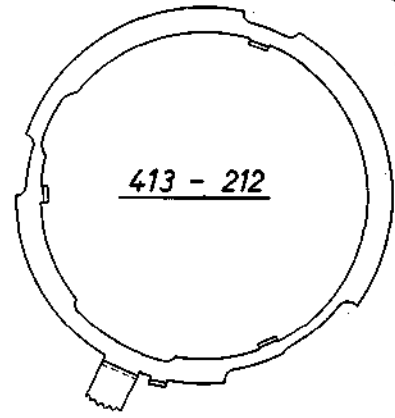
412-U226



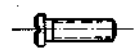
412h2 - 137



412 - 732.1



413 - 212



413h - 651

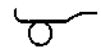
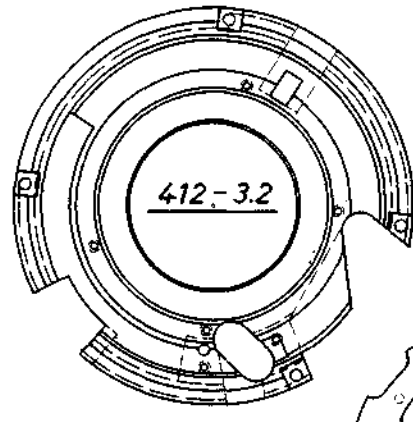
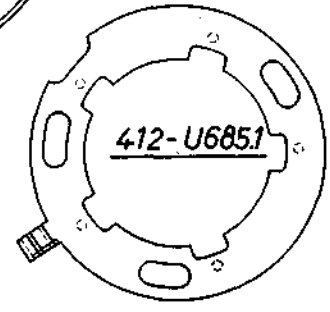
1014-20-2110

412 - 675

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
1870	1 - 9	30.6.61						

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 00412	Geänderte Teile / Changed parts	Liste besteht aus Blatt .....
			Blatt Nr. 7 / Gepr. .....
			Gefertigt: 1.9.61 .....

Lfd.Nr.	Teil Nr.:	Teilbenennung.	Teil:
1			
	Änderung Nr. 300 / Change Nr. 300		
2	X546 - 129	Antriebringfeder / an Stelle v. 295-129	 X546-129
		drive ring spring / inst. of 295 - 129	
3			
	Änderung Nr. 1895 / Change Nr. 1895		
4	412 - U96 1	Spannhebel / an Stelle v. 412 - U96	 412 - U96.1
		cocking lever / inst. of 412 - U96	
5			
	Änderung Nr. 1898 / Change Nr. 1898		
6	345 - 107	Auslöshebelschr / an Stelle v. 346 - 107	 345 - 107
		release lever screw / inst of 346 - 107	
7			
	Änderung Nr. 1904 / Change Nr. 1904		
8	412 - 3.2	Deckel / an Stelle v. 412 - 3.1	 412 - 3.2
		cover / inst. of 412 - 3.1	
9			
	Änderung Nr. 1908 / Change Nr. 1908		
10	412 - U685.1	Sektorenlagerring / an Stelle v. 413 - U685	 412 - U685.1
		shutter blade bearing ring / inst. of 413 - U685	

Änderungszustand dieses Blattes

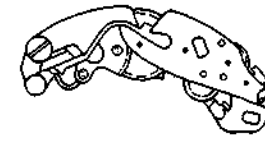
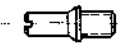
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
300	2	1. 9. 61	1908	10	1. 9. 61			
1895	4	" " "						
1898	6	" " "						
1904	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00412

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 8 | Gepr. .....
Gefertigt: 4.9.61 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 2080 Change Nr. 2080		
2	412 d - U173	Kontaktplatte an Stelle v. 412 - U173	 412d - U173
		contact plate inst. of 412 - U173	
3			
	Änderung Nr. 3343 Change Nr. 3343		
4	X 546 - G49.2	Vorlaufwerk an Stelle v. 00475 - G49	 X 546 - G49.2 wird nur als Ganzes abgegeben only complete assembly can be supplied
		delayed action device inst. of 00475 - G49	
5			
	Änderung Nr. 3478 Change Nr. 3478		
6	GN 174 01 7 002 356	Bef. Schr. f. HW lang an Stelle v. 00280 - 136	 7 002 356
	fixing screw for	slow speed assembly long inst. of 00280 - 136	
7			
8			
9			
10			

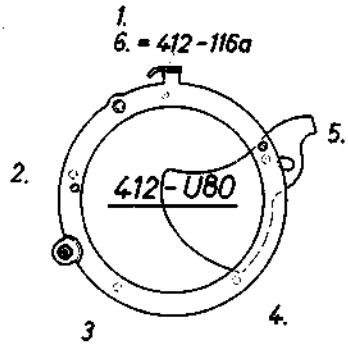
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
2080	2	4.9.61						
3343	4	3.11.64						
3478	6	" "						

Alfred Gauthier G.m b.H. Calmbach a. d. Enz	Mod. 413	Liste best. aus Bl. 1 - 4	Bl. Nr. 1
		Gefertigt 11.3.60 fe.	Gepr.
		Anz. der Änd.-Bl. 1-6	

Teil Nr.:	Teilbenennung:
412 - U80	Antriebring
	drive ring
413 - U3	Deckel ohne Skizze
	cover with. sketch
412 - U85	Fingerhebel
	trigger release
413 - U1	Gehäusering ohne Skizze
	housing ring with sketch
413 - U2	Gehäuseboden ohne Skizze
	housing bottom with. sketch
413 - U735	Getriebeplatte
	gear plate
412 - U173	Kontaktplatte
	contact plate
412 - U583	Kupplungsfeder
	coupling spring
310 - U226.1	Kontakthebel
	contact lever
412 - U96	Spannhebel
	cocking lever
345 - U437.2	Spannarm 2
	cocking arm 2
413 - U588	Skalenring ohne Skizze
	scale ring with. sketch
412 - U685	Sektorenlagerring
	shutter blade bearing ring
410 - U715	Tastring
	tracing ring
412 - U15.1	Werkteil
	base plate
375 - U543	Zeit-Rastenhebel
click stop lever for speed setting ring	
413 - U718	Zeigerhebel
	pointer lever

Teil:



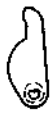

412-U85


413-U735

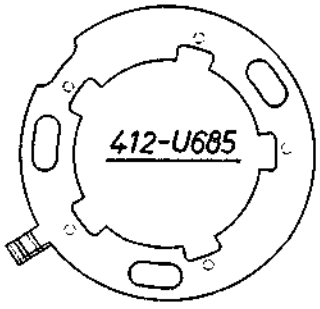

412-U173

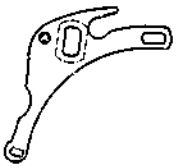

310-U226.1

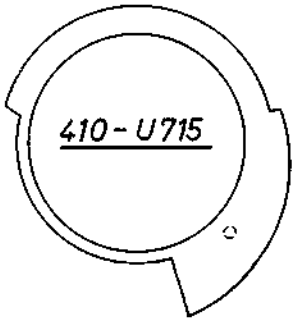

412-U583

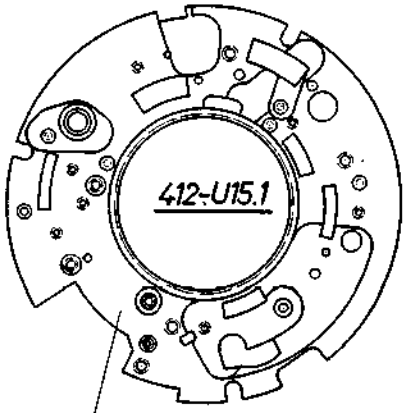

413-U718


412-U96


412-U685


345-U437.2


410-U715




375-U543

wird nicht abgegeben
cannot be supplied

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 413

Liste best. aus Bl.	Bl. Nr. 2
Gefertigt 11.3.60 fe.	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
412 - 106	Auslöshebel
	release lever
411 - 134	Blendenbogen
	diaphragm band
1.7 DIN 6799	Benzing-Sicherung ohne Skizze
	Benzing-fuse with sketch
413 - 650	Bajonettring ohne Skizze
	bayonet ring with sketch
413 - 137	Einstellring ohne Skizze
	speed setting ring with sketch
413 - 722	Filmempfindl: Ring ohne Skizze
	film sensitivity ring with sketch
410 - 579	Griffstückhülle 2 Stück
	actuation handle sleeve 2pcs.
412 - 538	Haltefeder
	holding spring
322 - 111	Kontakthebel
	contact lever
413 - 738	Öffnungsring
	opening ring
413 - 674	Riegelh. f. Sektorenlagerring
bar lever for shutter blade bearing ring	
413 - 725	Rastenfeder
	notch spring
412 - 732	Sektorenplanscheibe
	shutter blade cover plate
412 - 116	Sektor 5 Stck.
	shutter blade 5 pcs.
412 - 116a	Sektor 1 Stck.
	shutter blade 1 pcs.
412 - 433	Spannarm
	cocking arm
345 - 434	Spannarmscheibe
	cocking arm disc
413 - 24	Steuerscheibe
	control disc
346 - 465	Unterlegscheibe washer
412 - 743	Unterlegscheibe washer
413 - 212	Umstellring
	synchro switch ring
412 - 119	Zeithebel
	B-lever
309 - 255	Zeithebelunterlegscheibe
	B-lever washer

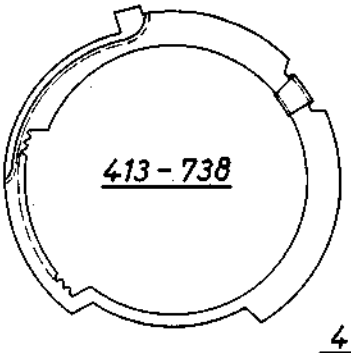
Teil:


412-106


410-579

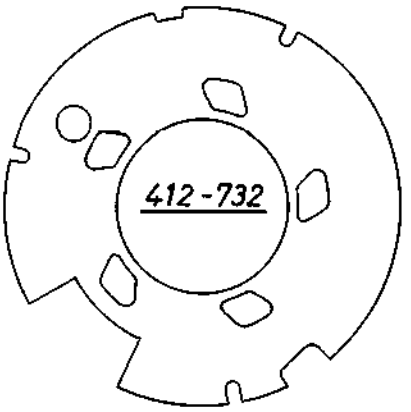

412-538

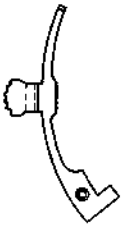

322-111

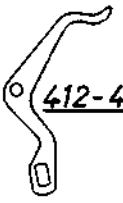

413-738


413-674

411-134


412-732

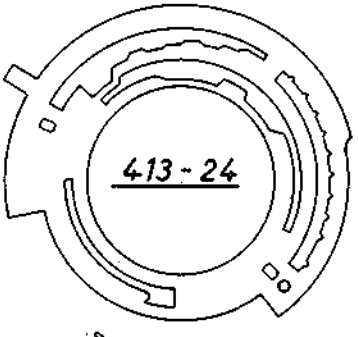

413-725

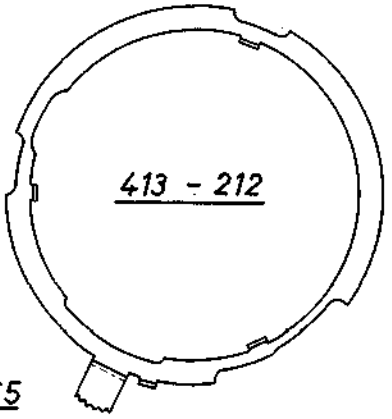

412-433

412-116

412-116a


345-434


413-24

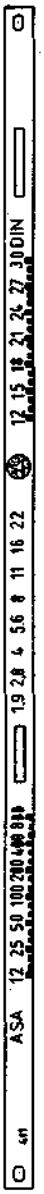

413-212


346-465


412-119


412-743


309-255



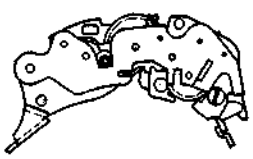
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 413

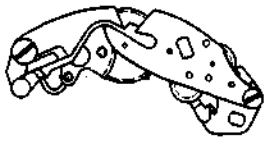
Liste best. aus Bl.	Bl. Nr. 3
Gefertigt 11.3.60	Gepr.
Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
412 - G20	Hemmwerk
	slow speed assembly
475 - G49	Vor aufwerk
	delayed action device
412 - 683	Antriebringschr. 3 Stück
	drive ring screw 3 pcs.
346 - 107	Auslöshebelschr.
	release lever screw
476 - 135	Blendenbogenschr. 2 Stck.
	diaphragm band screw 2pcs.
375 - 443	Bef. Schraube f. Vlfw. lang
	fixing screw for del. act. dev. long
257 - 157	Bef. Schraube f. Vlfw. kurz
	fixing screw for del. act dev. short
280 - 136	Bef. Schraube f. HW lang
fixing screw	for slow speed assembly long
280 - 138	Bef. Schraube f. HW kurz
fixing screw	for slow speed assembly short
401 - 651	Bajonettringschr. 4 Stck.
	bayonet ring screw 4 pcs.
413 - 142	Bodenschr. stark 2St. ohne Skizze
	bottom scr. large 2pcs. with. sketch
413 - 127	Bodenschr. schwach 1St. ohne Skizze
	bottom scr. small 1pcs. with. sketch
401 - 645	Deckelschr. lang 3 Stück
	cover screw long 3 pcs.
412 - 646	Deckelschr. kurz
	cover screw short
412 - 679	Distanzbüchse f. Riegelhebel
distance bushing	for bar lever
0257 - 146	Fingerhebelschr.
	trigger release screw
353b - 142	Getriebeplattenschr. 2 Stck.
	gear plate screw 2 pcs.
335 - 272	Haltefederschr.
	holding spring screw
280 - 112	Kontakthebelbüchse
	contact lever bushing
257 - 113	Kontakthebelschr.
	contact lever screw

Teil:



412 - G20



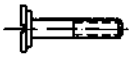
475 - G49

wird nur als Ganzes abgegeben
only complete assembly can be supplied

412-683

346-107

476-135

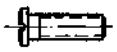


375-443

257-157

280-136

280-138



401-651

401-645

412-646

0257-146

353b-142

412-679

335-272

280-112

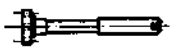
257-113

Alfred Gauthier G m.b.H. Calmbach a. d. Enz	Mod. 413	Liste best. aus Bl.	Bl. Nr. 4
		Gefertigt 11. 3. 60	Gepr.
		Anz. der Änd.-Bl.	

Teil Nr.:	Teilbenennung:
KS 8 1x5.8 DIN1475	Knebelkerbstift ohne Skizze
	pin as per DIN with. sketsch
KS 8 0.8x3.8 DIN1475	Knebelkerbstift ohne Skizze
	pin as per DIN with. sketsch
476 - 135	Kupplungsfederschr. 2 Stck.
	coupling spring screw 2 pcs.
413 - 739	Öffnungsachse
	opening axis
412 - 741	Öffnungsritzel
	opening gear
280 - 128	Ringfederschr
	ring spring screw
412 - 678.1	Riegelhebelschr.
	bar lever screw
412 - 435	Spannarmschr.
	cocking arm screw
257 - 120	Zeithebelschr.
	B-lever screw
295 - 129	Antriebringfeder
	drive ring spring
412 - 109	Auslöshebelfeder
	release lever spring
412 - 130	Fingerhebelfeder
	trigger release spring
295 - 230	Kontakthebelfeder
	contact lever spring
475 - 541	Rücklauffeder
	returning spring
412 - 675.2	Riegelhebelfeder
	bar lever spring
412 - 672	Sektorenlagerringfeder
	shutter blade bearingring spring
375 - 132	Spannhebelfeder
	cocking lever spring
345 - 104	Treibklinkenfeder
	driving latch spring
345 - 133	Vorlaufwerkfeder
	spring for del. act. dev.
412 - 121	Zeithebelfeder
	B-lever spring
412 - 546	Zeit-Rastenhebelfeder
	click stop lever spring

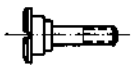
Teil:


476-135


413-739


412-741


280-128


412-678.1


412-435


257-120

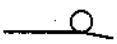

295-129


412-109

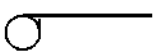

412-130


295-230


475-541


412-675.2


412-672


375-132


345-104


412-121


345-133


412-546

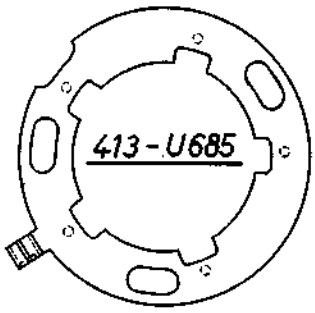
Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

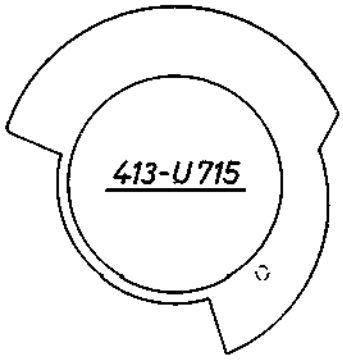
Mod. 413

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1-4
Blatt Nr. 1 | Gepr.
Gefertigt: 11.3.60 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9332 Change Nr. 9332		
2	413 - U685	Sektorenlagerring an Stelle v. 412 - U685	
		shutter blade bearing ring inst. of 412 - U685	
3			
	Änderung Nr. 9362 Change Nr. 9362		
4	413 - U715	Tastring an Stelle v. 410 - U715	
		tracing ring inst. of 410 - U715	
5			
	Änderung Nr. 9383 Change Nr. 9383		
6	475 - 111	Kontakthebel an Stelle v. 322 - 111	
		contact lever inst. of 322 - 111	
7			
	Änderung Nr. 9451 Change Nr. 9451		
8	413 - U722	Filmempfindl.-Ring ohne Skizze an Stelle v. 413 - 722	
		film sensitivity ring with sketch inst. of 413 - 722	
9			
	Änderung Nr. 9609 Change Nr. 9609		
10	412 - 116.1	Sektor 5 St., an Stelle v. 412 - 116 shuter blade 5 pcs., inst of 412-116	
	412 - 116a.1	Sektor 1 St., an Stelle v. 412-116a shuter blade 1 pcs., inst. of 412-116a	





475-111

412-116.1

412-116a.1

Änderungszustand dieses Blattes

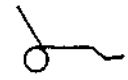
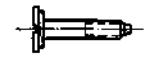
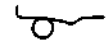
Änd. Nr.	Lfd Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr	Lfd. Nr.	Tag u. Name
9332	2	11.3.60	9609	10	11.3.60			
9362	4	" "						
9383	6	" "						
9451	8	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 413

Geänderte Teile
Changed parts

Liste besteht aus Blatt ...
Blatt Nr. 2 | Gepr. ...
Gefertigt: 11. 3. 60 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 9696 Change Nr. 9696		
2	413 - 109	Auslöshebelfeder an Stelle v. 412 - 109	 413-109
		release lever spring inst. of 412 - 109	
3			
	Änderung Nr. 129 Change Nr. 129		
4	491 - 443	Bef. Schr. f. Vlfw. lang inst. of 375 - 443	 491-443
		fixing screw for del. act. dev. long inst. of 375 - 443	
5			
	Änderung Nr. 175 Change Nr. 175		
6	X 475 - U226	Kontaktthebel an Stelle v. 310 - U226.1	 X 475-U226
		contact lever inst. of 310 - U226.1	
7			
	Änderung Nr. 300 Change Nr. 300		
8	X 546 - 129	Antriebringfeder an Stelle v. 295 - 129	 X546-129
		drive ring spring inst. of 295 - 129	
9			
	Änderung Nr. 1871 Change Nr. 1871		
10	412 - U15.2	Werkteil ohne Skizze wird nicht abgegeben - an Stelle v. 412 - U15.1	
		base plate with. sketch cannot be supplied inst. of 412 - U15.1	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9696	2	11. 3. 60	1871	10	30. 8. 61			
129	4	" " "						
175	6	" " "						
300	8	" " "						

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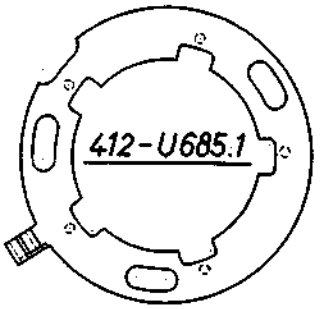
Mod. 413

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 31.8.61 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 1908 Change Nr. 1908	
2	412 - U685.1	Sektorenlagerring an Stelle v. 413-U685
		shutter blade bearing ring inst. of 413 - U685
3		
	Änderung Nr. 1786 Change Nr. 1786	
4	GN 119 07 7 001 909	Haltefederschr. an Stelle v. 335 - 272
		holding spring screw inst. of 335 - 272
5		
	Änderung Nr. 2232 Change Nr. 2232	
6	412 - U15.2	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 412 - U15.1
		base plate with. sketch cannot be supplied inst. of 412-U15.1
7	412 - 654	Haltehebel
		holding lever
8	412 - 656	Haltehebelfeder
		holding lever spring
9	401 - 655	Haltehebelbüchse
		holding lever bushing
10	412 - 674	Riegelh. f. Sektorenlagerring an Stelle v. 413 - 674
	bar lever for shutter blade bearing ring	inst. of 413 - 674




7001909


412-654


412-656


401-655


412-674

Fortsetzung zu Änderung Nr. 2232 auf Blatt Nr. 4
continuation of change No. 2232 on sheet No. 4

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
1908	2	31.8.61						
1786	4	4.11.64						
2232	6, 7, 8, 9, 10	" " "						

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Mod. 413

Geänderte Teile
Changed parts

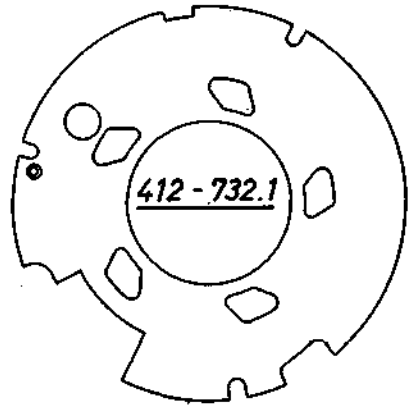
Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 4. 11. 64 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	412 - 678	Riegelhebelschr. an Stelle v. 412 - 678.1
		bar lever screw inst. of 412 - 678.1
2	412 - 675	Riegelhebelfeder an Stelle v. 412 - 675.2
		bar lever spring inst. of 412 - 675.2
3	412 - 732.1	Sektorenplanscheibe an Stelle v. 412 - 732
		shutter blade cover plate inst. of 412 - 732
4		
	Änderung Nr. 3009 / Change Nr. 3009	
5	GN 119 07 / 7 001 909	Antriebringschr. 3 Stck. an Stelle v. 412 - 683
		drive ring screw 3 pcs. inst. of 412 - 683
6		
	Änderung Nr. 3343 / Change Nr. 3343	
7	X546 - G49.2	Vorlaufwerk an Stelle v. 475 - G49
		delayed action device inst. of 475 - G49
8		
	Änderung Nr. 3478 / Change Nr. 3478	
9	GN 174 01 / 7 002 356	Bef.-Schr. f. HW lang an Stelle v. 280 - 136
	fixing screw for	slow speed assembly long inst. of 280 - 136
10		

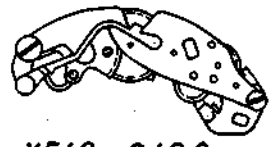
Teil:

412 - 678

412 - 675



7 001 909



X546 - G49.2

wird nur als Ganzes abgegeben
only complete assembly can be supplied

7 002 356

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
2232	1,2,3	4. 11. 64						
3009	5	" " "						
3343	7	" " "						
3478	9	" " "						