



## 1 General information

Application for sewing machines 888 of M-Type series as a optional equipment.

### 1.1 Add-on Kit

The complete kit needed for the needle feed lockinkg has the order number **0888 590044** and is made of the following components:

Part number	Pos.	Description	Quantity
9202 042067	(6)	Screw (M4x8 DIN 6912)	1
9205 101568	(8)	Adjusting screw (M3x6 DIN 913)	2
0888 590060	(5)	Arresting cube	1
0888 590050	(4)	Screw insert	1
9202 002057	(7)	Screw (M4x6 DIN 912)	1
9205 161898	(3)	Adjusting screw (M4x12 DIN 916)	1
0791 888705 EN		Fitting Instructions	1

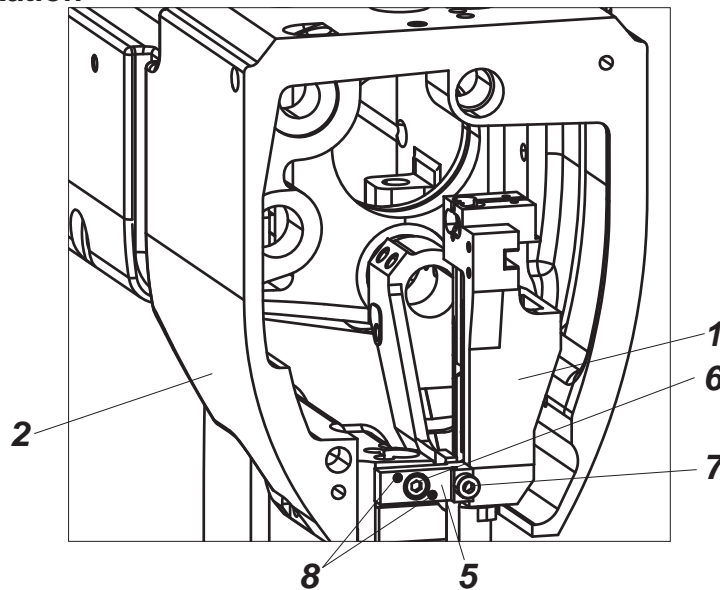
## 2 Description and operation of equipment

Part set No. 0888 590044 is used to lock the needle feed in shoe-making machines of M-Type series.

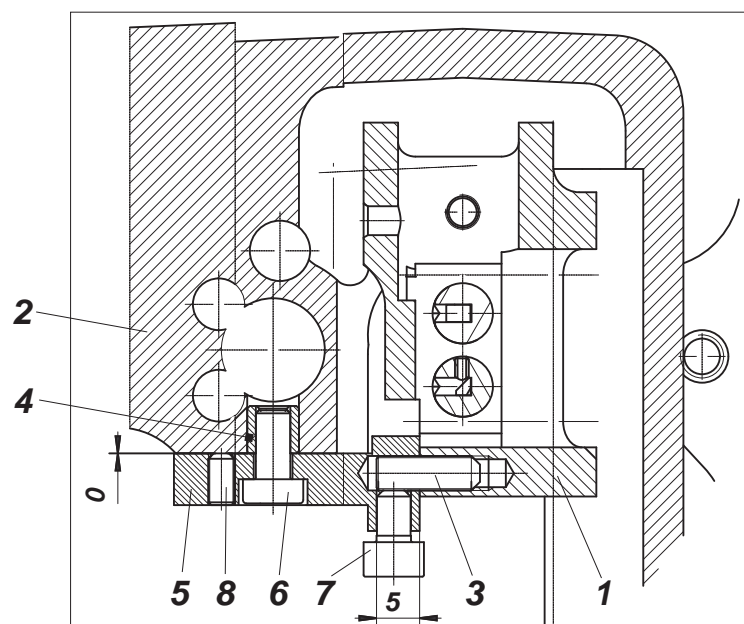


### 3 Installation

#### 3.1 Needle bar holder fixation

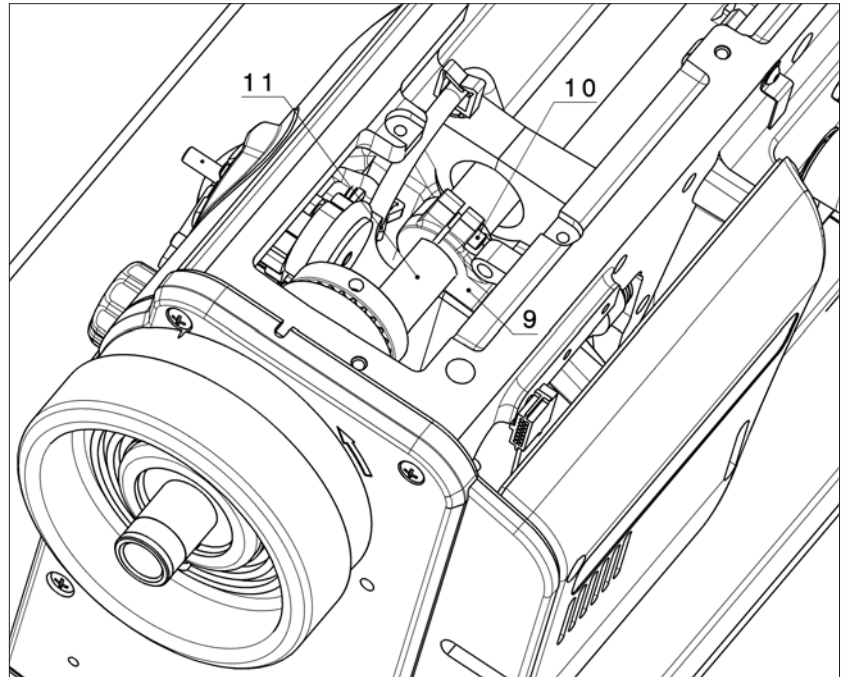


- Remove the head cover.
- Screw the adjusting screw (3) into the needle holder (1) to 5 mm according to the picture.
- Apply Loctite 638 on the screw insert (4) and put into the arm (2) to 0 mm according to the picture.
- Push the arresting cube (5) onto the adjusting screw (3) and tighten on the front arm area (2) by the screw (6).
- Tighten the screw (7) on the adjusting screw (3) to block the needle mechanism (1).
- Use the screws (8) in the case of axial displacement (adjusting) of the needle mechanism (1) - needle adjusting to the stitch hole.
- Loosen the screw (6).
- Adjust the needle mechanism position (1) by two screws (8), so the needle is in the stitch hole centre.
- Tighten the screw (6).





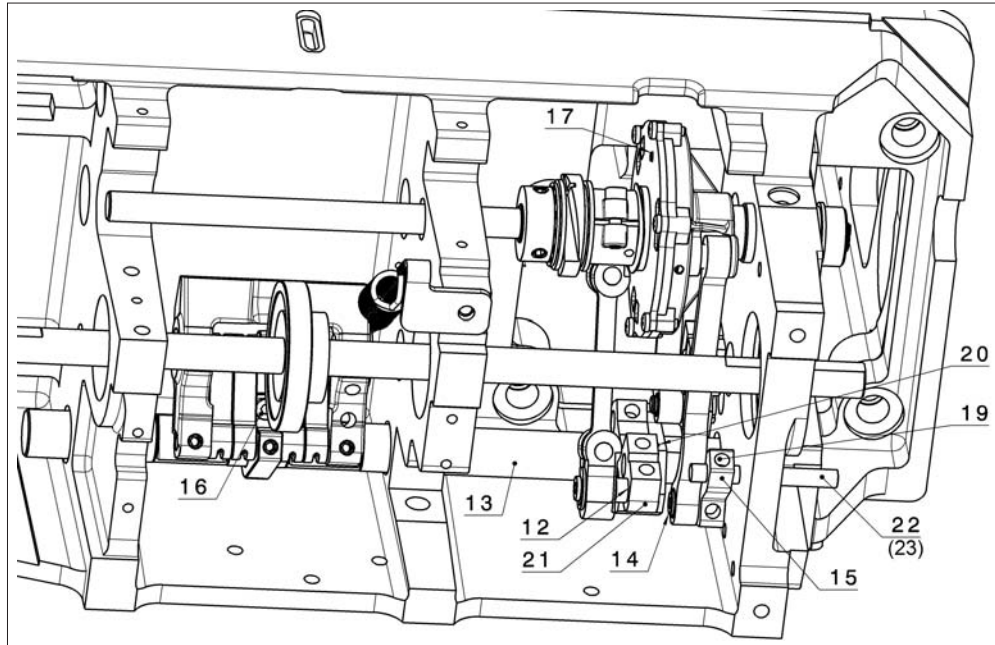
### 3.2 Unlocking of needle feed upper aluminum lever on needle bar holder swinging shaft



- Unscrew the M4 screw with washer from the lever (9), and screw the adjusting screw (10) in its place, by which the bolted joint is split so that the lever on the shaft (11) swings freely.



### 3.3 Feed clutch adjusting and setting



- For machines with minimotor, replace the grooved pin No. 9303 502990 for the minimotor holder with a longer pin (22). For direct drive machines, tap the pin (23) into the corresponding hole in the base plate. In both cases the pin should protrude approximately 17 mm from the base plate.
- Loosen two screws (20) on the swinging lever (21).
- Slide the feed clutch left pull rod bolt out of the swinging lever hole, and slide it into the hole (12), which is most distant from the swinging shaft (13), and tighten with the respective screw.
- Slide the right pull rod bolt out of the hole; replace with a new bolt (14) at the hand wheel position of 300°, put it in the part (15), which is put on the pin (22) at the same time.
- Set a zero stitch length on the wheel.
- Loosen the screw (16) on the swinging motion link.
- After screwing out the screw on the feed clutch body, slide the needle shank into the respective hole (17).
- Turn the sewing machine hand wheel until the needle shank fits in the star hole inside the clutch (push inwards by approximately 5 mm).
- Lean the clutch feed right pull rod against the pin (22), and tighten the screws (19), (20), and (16).
- In the hand wheel position 312° (332° for machines GLOBAL), set the switchover excenter of feeding clutch with its mark against the bottom mark on the switchover V-fork and fix.

Try a smooth operation of the feed clutch at the maximum stitch length (it may not collide inside).