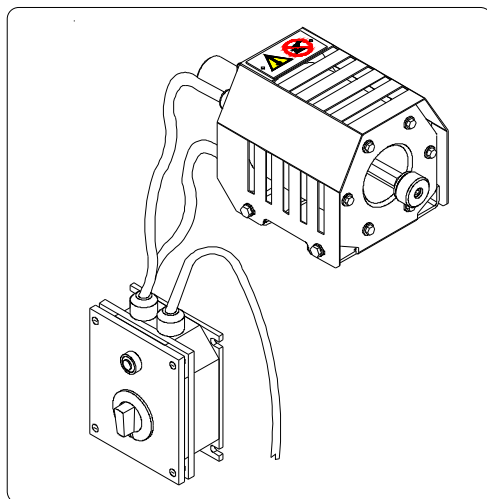
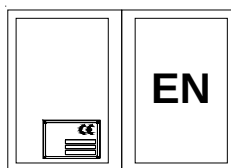


USE AND MAINTENANCE MANUAL



ELECTRIC HEAD

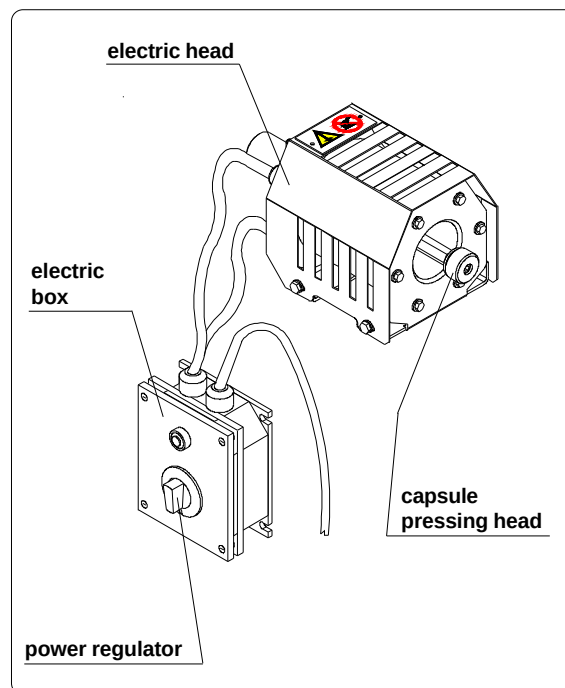


IMPORTANT:

Read these instructions carefully and keep them with the machine for further reference.

Should the machine be sold or moved, make sure these instructions are with the machine to enable the new user to become acquainted with machine operation and relevant warnings.

When reading these instructions, **refrain from personal interpretations**: strictly follow rules and instructions given therein.

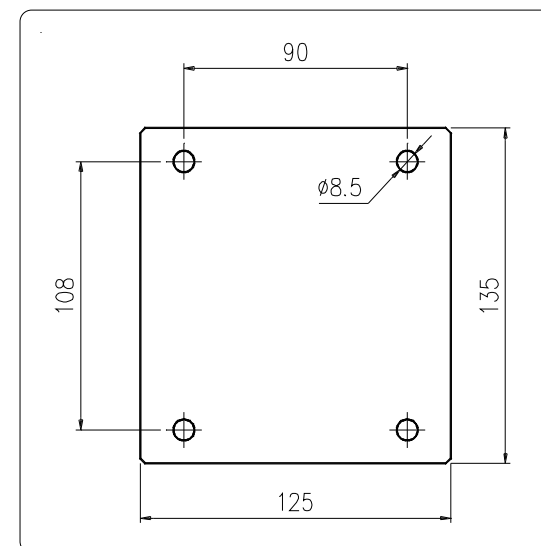


Handled capsule dimensions:

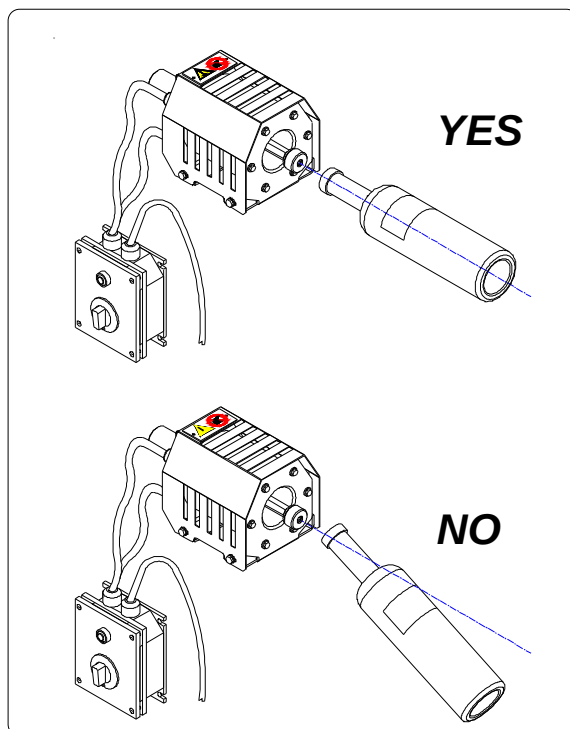
max. diameter:	40 mm
max. length:	65 mm
	55 mm (Bordeaux bottle)
Bottle height:	from 150 to 360 mm

Machine use

- Capsule shrinking is carried out through resistance-heating.
Non-toxic, unharmed capsules should be used.
The machine has not been designed to handle toxic, harmful and radioactive substances, or substances which catch fire as a consequence of mechanical shocks.
- The machine should be installed in a clean and bright place.
The surrounding area should be kept free from obstacles, clean and well lit.
- Both the machine and the electric box shall be secured to a supporting structure through the hole provided for the purpose.



- d) Do not install the machine in a place where it could be reached by water or other liquid jets.



- e) When inserting or taking out the bottle neck, carry out axial movements only and wear protective gloves.



- f) **Do not use the machine:**
... for purposes other than
thermoshrinking of capsules on bottles.

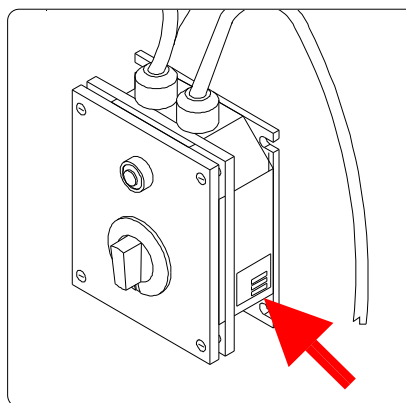
- g) **If some smoke coming out of the unit is noticed** (due to a too long stay of the capsule inside the resistance), talk the bottle out, immediately set the power regulator to zero. Disconnect the plug from the outlet. Once the resistance is cooled, **clean it** (see relevant chapter)

Electrical connection

The machine shall be connected in accordance with current rules and provisions of the law in force..

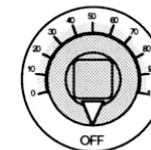
If machine cable does not have a plug, fit it with a plug having a 16A min. current carrying capacity. Have connection made by a qualified electrician. Prior to connecting the machine, make sure that:

- a) Electrical installation and protective device can withstand machine demand and mains voltage is the same as the stated on machine plate (see plate).

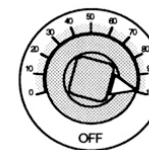


- b) Power supply line is earthed as required by current rules and law regulations.

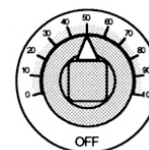
- c) Check that power regulator in set to “OFF” position.



Insert the machine plug in the outlet.
Set power regulator to the max. position to have a rapid heating.



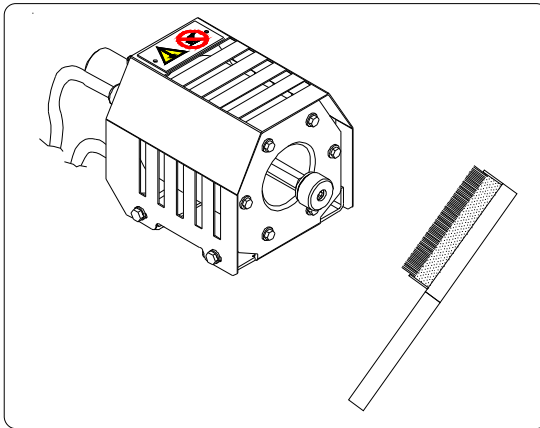
Wait 10/15 minutes and, before starting the working cycle, set the regulator to the middle position, according to the thermal shrinking characteristics of the capsules employed.



TOSA cannot be held responsible for injuries or damages caused by improper use of the machine or by failure to strictly adhere, partially or in total, to the safety regulations and intervention procedures in general and as laid down in this “USE AND MAINTENACE MANUAL”.

Cleaning

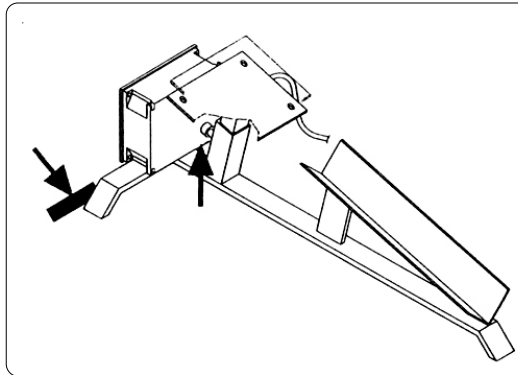
- Set the power regulator to zero.**
Wait 15/20 minutes until the resistance has cooled down to ambient temperature.
- Disconnect plug from socket** before you start any **cleaning**.
- Use a brush to remove possible residues from the resistance.



- Do not wash with flammable products (e.g.: petroleum naphtha, petrol, solvents, etc.).

Horizontal table rest

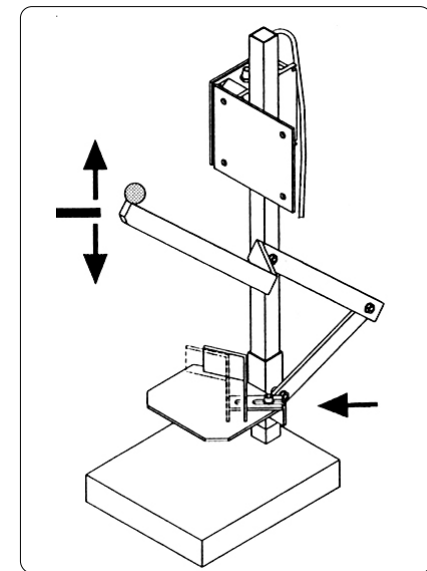
- The machines can be fitted with the horizontal table rest which has to be secured either to a working plan or against an axial thrust block.
- Adjust the work axis position according to the bottle diameter.



- Check the capsule shrinking thermal characteristics to define the stay time of bottle neck within the resistance.
- An extended bottle stay to the resistance action, damages the capsule and causes the bottle overheating.
- Carry out the capsule thermo shrinking cycle as follows:
 - place the bottle on guide
 - insert and take out the bottle by a continuous alternating movement.

Standing table rest

- The machines can be fitted with the standing table rest which has to be secured to a working plan.
- Adjust the work axis position according to the bottle diameter.
- Check the capsule shrinking thermal characteristics to define the stay time of bottle neck within the resistance.
- An extended capsule stay to the resistance action, damages the capsule and causes the bottle overheating.
- Carry out the capsule thermo shrinking cycle as follows:
 - place the bottle on guide
 - through the lever, lift and lower the bottle by a continuous alternating movement.



Spare parts

Disconnect plug from socket before you start any replacement.

Exclusively use TOSA genuine spare parts.
Refer to list and drawings below to identify parts and order them.

When ordering

--Quote: data on plate  (type-serial number - construction year).

--Quote: all data concerning the part being ordered (part no., description, code).

--Specify: quantity ordered.

--Spedire: your order to:

TOSA s.r.l.

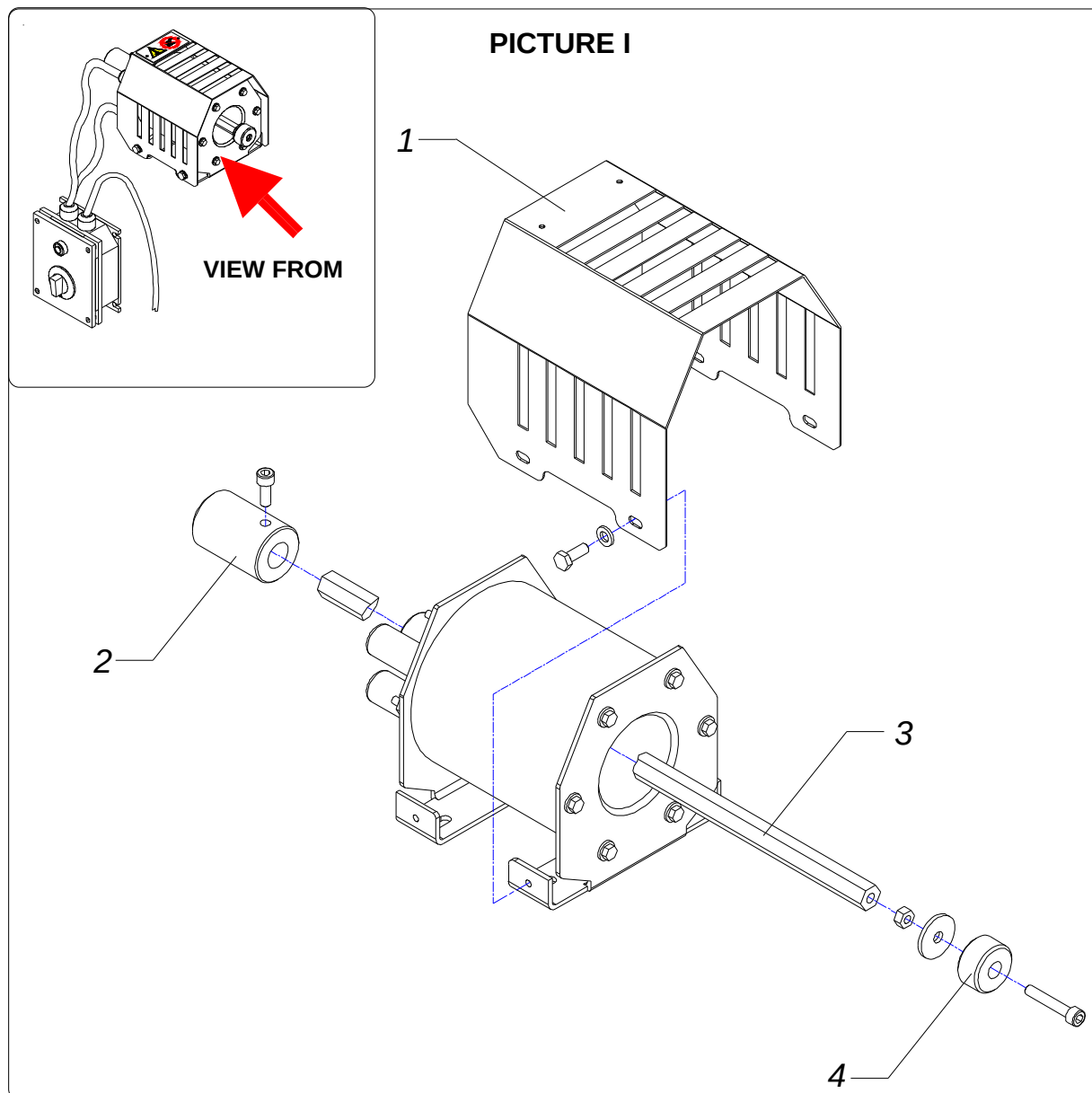
Loc. S. Bovo - Via Statale, 32
12054 COSSANO BELBO (CN) ITALY

TEL.: +39 0141 88285/6

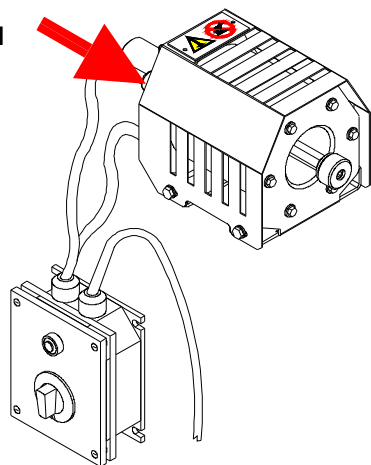
FAX.: +39 0141 88550

E-mail: info@tosa.it

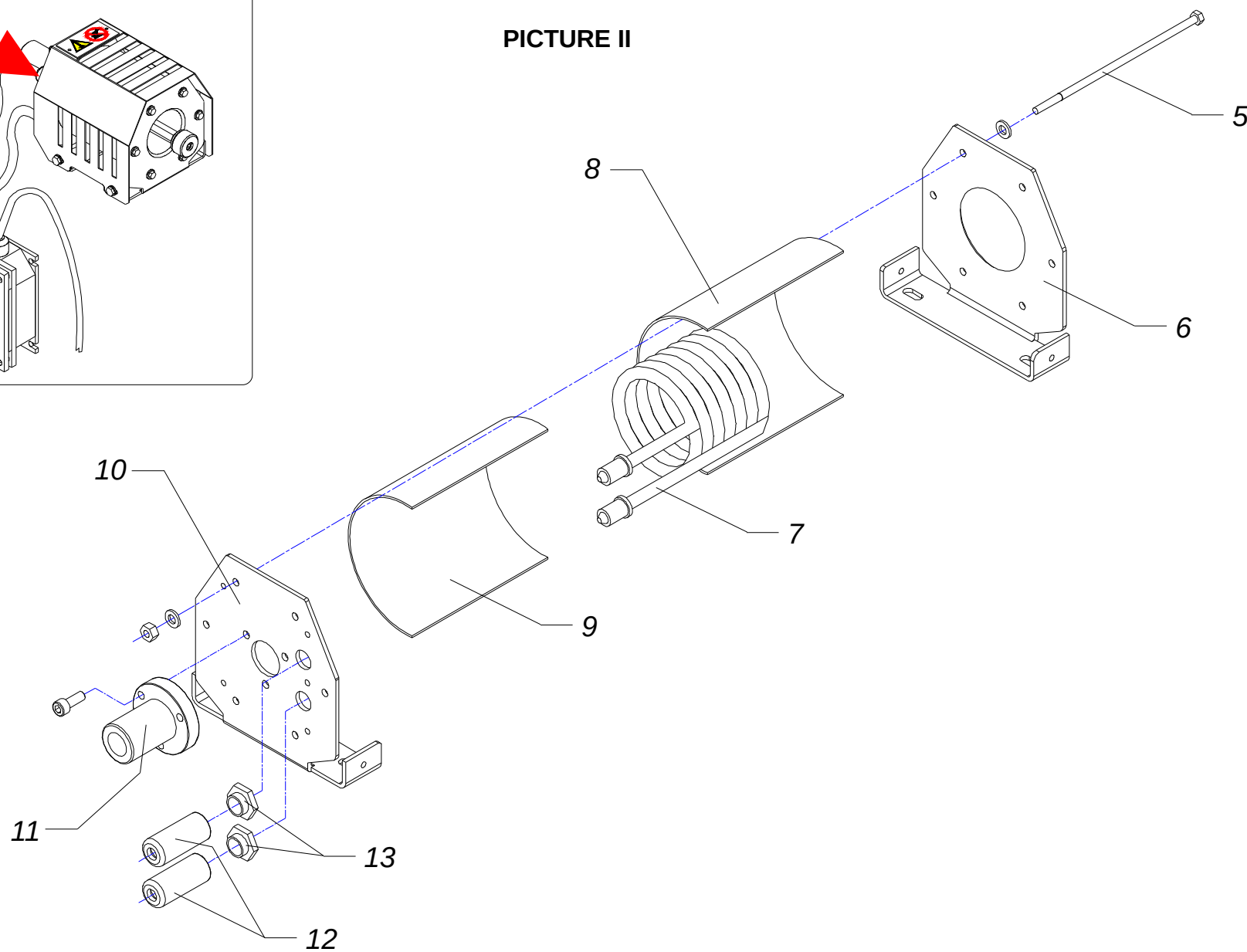
Web Site: www.tosa.it



VIEW
FROM



PICTURE II



PICTURE III - parts for electric head application on the horizontal table rest -

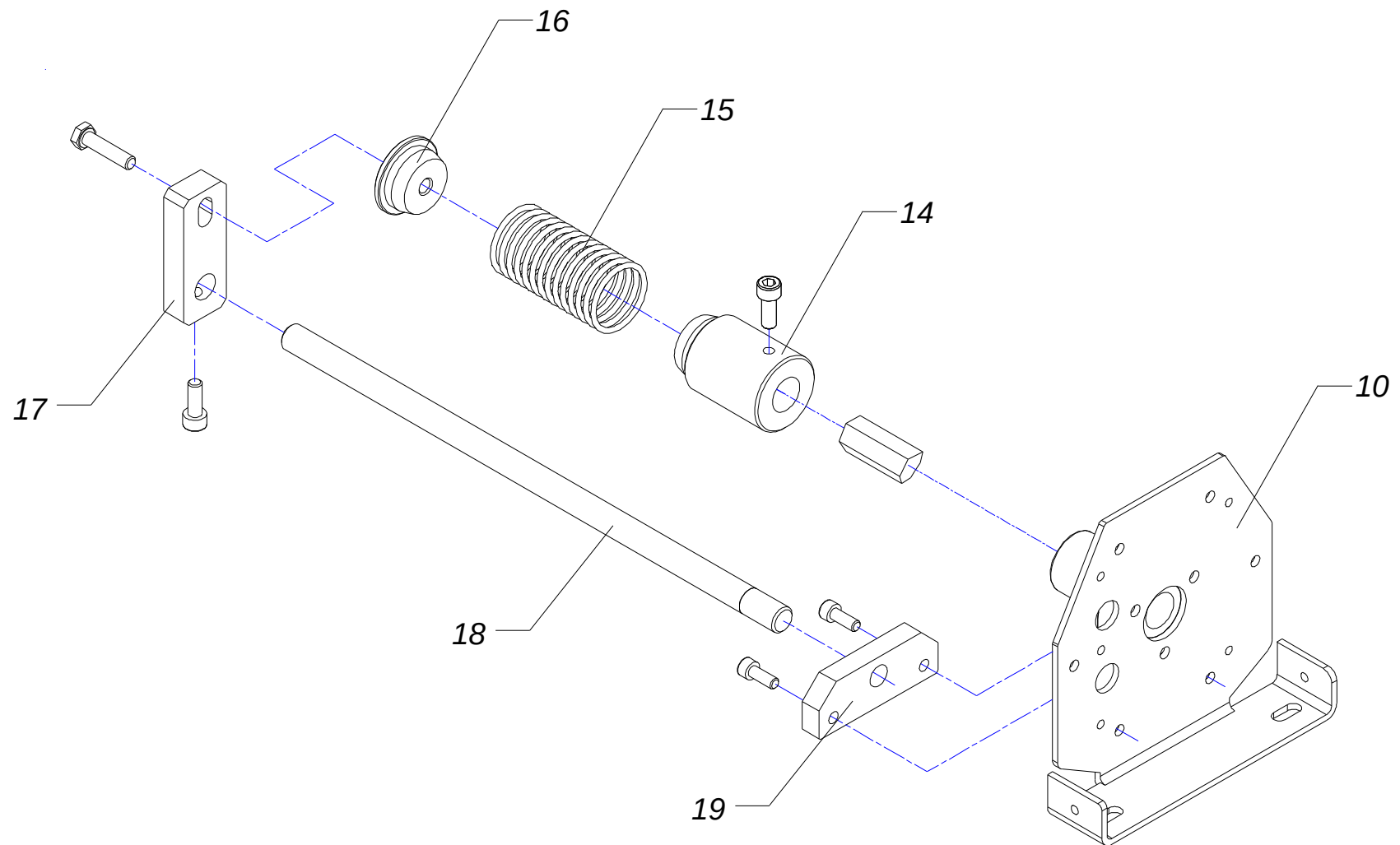


TABLE I: LIST OF SPARE PARTS

POS.	DESCRIPTION	CODE	Q.TY
1	Safety guard for electric head	2001.55.008	1
2	Counterweight for central rod	2001.55.003	1
3	Central rod	2001.07.027	1
4	Capsule pressing head	2001.07.002	1
5	Take-up for electric head assembly	2001.07.021	6
6	Lower plate for electric head	2001.55.007	1
7	Resistance	EELM1200-230V	1
8	Tube for flange connexion	2001.07.015	1
9	Tube for flange connexion	2001.07.014	1
10	Upper plate for electric head	2001.55.006	1
11	Bush for central rod	2001.07.010	1
12	Protection cap for cable connexion	2001.07.004	2
13	M/F connector 3/8 1/4 Wrench 19	PE2151003	2
14	Bush for back support	2001.07.017	1
15	Compression spring	0999.84.007	1
16	Bush for back support	2001.07.016	1
17	Plate for back support	2001.07.001	1
18	Back support rod	2001.07.018	1
19	Plate for back support connexion	2001.07.025	1

**EC DECLARATION OF
CONFORMITY**

TOSA s.r.l.

*based at COSSANO BELBO (CN) - ITALY -
Loc. San Bovo Via Statale, 32*

declares that the machine:

ELECTRIC HEAD

conforms to the following directives:

89/392/CEE

91/368/CEE

93/44/CEE

93/68/CEE

98/37/CE

89/336/CEE

73/23/CEE

EN294

CEI-EN60204-1

EN954-1

Pr-EN1672-2

Giuseppe Tosa

TOSA s.r.l.
Un Amministratore Delegato
[Signature]