

**EUROPA**  
ANTI-THEFT ENGINEERING  
**HEXABOLT**  
6 TIMES STRONGER



INDIA'S  
**STRONGEST**  
and  
MOST SECURE LOCK  
withstands  
**3 TONS LOAD**

# USER MANUAL

WITH WARRANTY CERTIFICATE

WELMADE LOCKING SYSTEMS PRIVATE LIMITED

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## COMPANY PROFILE



### **Our Mission : "ANTI-THEFT ENGINEERING"**

**Our Vision : "We shall be a Global Provider of customized anti-theft products + solutions for every house + institution, with an "Idea to Actual theft prevention" value chain, having a global mind set; being a good place to work, learn and grow; with a culture of disruptive innovation and continual improvement."**

The EUROPA journey began in the year 1984 with the Mission "ANTI-THEFT ENGINEERING". Dr. P. A. Joshi after studying in Germany (Dr. Ing : Doctorate in Mechanical Engineering & B. E. [Mechanical]), founded this Company in the Cultural and Industrial city of Pune. Since then, Welmade Locking Systems Private Limited has carved for itself an enviable niche in the Indian Market, Continuous growth based on innovative Product Engineering and Strategic thinking has made the Company the Brand Leader, giving the EUROPA Brand its excellent reputation.

Backed by world-class technology and driven by a dedicated team of over 400 dynamic professionals (25% are involved in Design & Development), the company manufactures international standard products which have been appreciated in trade fairs like the KOLN TRADE FAIR held in Germany.

We constantly INNOVATE to design and manufacture locks with best-in-class features meeting Global function, finish, load (strength) & life (warranty) standards.

We have applied for and received a large number of Patent and Design Registration.

Dr. P. A. Joshi, founder of the Company, was requested to provide services as the **International Consultant for 'Global Mapping of Lock Technology' by UNIDO** (United Nations Industrial Development Organization), Vienna, Austria in 2003. He was deputed by UNIDO to visit and study over 25 Lock Factories in Germany, Switzerland, Spain, France, UK, Italy, Hongkong, China & Taiwan.

We have a wide network of Sales branches across India, Manufacturing units in Bhosari & Chakan (Pune) and Head Office in Bhosari, Pune.

Europa has been awarded the "G. S. Parkhe Industrial Merit Award" in the year 1990, and the "Hari Malini Joshi Award" in the year 1995, by MCCA, PUNE for outstanding Product Design.

In the year 2015, Dr. P. A. Joshi the Chairman of the company was awarded the "Excellence in First Generation Entrepreneurship Award" by Entrepreneurs' International club of Pune.

 <p>LOCKABLE KNOB</p> <p>BUTTON</p> <p>LATCH BOLT</p> <p>DEAD BOLT</p> <p>FLAP</p> <p>BOX ASSEMBLY [LOCK BODY]</p>	 <p>RECEPTACLE</p>	 <p>LOCK ASSEMBLY WITH KEYS (3+1 LIGHT KEYS)</p>
 <p>STRENGTHENING PLATE</p>	 <p>COVER RING</p>	 <p>FIXING PLATE</p>
 <p>LOCK BODY &amp; RECEPTACLE FLAP SIDE SCREWS (8 Nos.)</p>	 <p>STRENGTHENING PLATE FIXING SCREWS (4 Nos.)</p>	 <p>FIXING PLATE FIXING SCREWS (4 Nos.)</p>
 <p>LOCK ASSEMBLY FIXING SCREWS (2 Nos.)</p>	 <p>LOCK BODY &amp; RECEPTACLE FIXING SCREW (4 Nos.)</p>	 <p>USER MANUAL</p>

## FEATURES & PRECAUTIONS



### Features

1. Hexabolt lock, an extra strong high security door lock with 6 times strong & 25mm projected bolts gives maximum safety from crowbar attack.
2. Bigger & thicker key with extended length; high precision machining with micron accuracy; to eliminate duplication. An ordinary identical dimple key without these floating balls can't open this lock.
3. Precision machined lock assembly with 20 locking pins made with Swiss machine, & the presence of 2 FLOATING BALLS creates an "interlocking Mechanism" which provides an extremely high level of security.
4. 5 Crore non-interchangeable key combinations.
5. "ANTI THEFT STRENGTHENING PLATE" which enhance the strength of wooden door frame to prevent theft/ burglary.
6. Thicker "ANTI TEAR" receptacle with flanging on hole to enhance breaking load to prevent breakage during burglary attempts.
7. Hexabolt lock kit is available in Gold, Rose Gold & Gun Black PVD finishes as well as Antique Brass finish & Satin Nickel Plating with improved anti rust life.
8. Special Receptacle are needed for outside opening door.
9. Suitable for inside/Outside opening doors (Left/Right Side opening).

**Precautions-** ● Follow the instructions and pictures carefully for the proper installation and smooth functioning of your lock. ● **Lock fitting should be done by an Certified Europa Technician only.** ● The company will not be responsible if the lock is damaged due to improper installation. ● Screws given in package are suitable for door of 30 mm to 55 mm thickness. ● **Do not insert any of the screws by hammering them.** They will not withstand the crowbar attack on your lock and door, The company will not be responsible for such damages. ● Before lock fitment always make sure that your door and it's frame are in same level while in closed condition, The improper level will affect the smooth functioning of lock (company is not responsible in such case).

- **DOOR STOPPERS SHOULD BE FIXED TO AVOID DAMAGE TO THE LOCK BODY WHEN IT HITS THE WALL OR ANY OTHER OBJECT.**
- **USE KNOB, KEY FOR LATCH OPERATION ONLY & KEY FOR DEADBOLT LOCKING.**
- **DURING RENOVATION WORK COVER THE KEY HOLE WITH ADHESIVE TAPE TO PREVENT ENTRY OF DUST, PAINT AND ANY OTHER FOREIGN PARTICLES.**
- **FOR PERIODIC CLEANING AND LUBRICATION OF LOCK ASSEMBLY USE BELOW RECOMMENDED PRODUCT "ZORRIK 88/WD40/RUSTLICK631".**

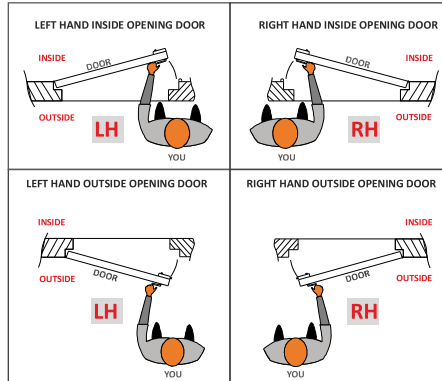
**DO NOT USE OIL IN LOCK ASSEMBLY**

**Installation requirements**

**Door Thickness Requirement**

- Suitable for 30 to 55 mm door thickness.
- Suitable for Inside/ Outside opening doors.
- HL - RH for Right hand door.
- HL - LH for Left hand door.

**Door Direction**



**Tool Required**



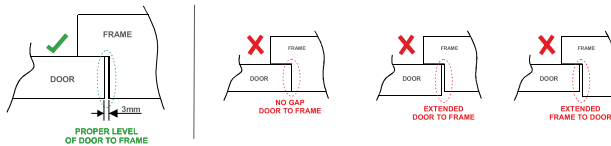
## INSTALLATION GUIDELINE & SETUP



### HEXABOLT LOCK (MODEL – H940, H941)

#### PREPARE THE DOOR

- 1) Confirm that door and frame surface are in same level



- 2) Place your HEXABOLT lock body on the inside panel of the door at your desired height. (39" height from the floor recommended)
- 3) Mark the outline of the flap on the side face of the door with pencil, Ref Fig. 1 (L) & Fig. 1(R).



Fig.1(L)



Fig.1(R)

- 4) Make 2mm deep recess of "158x21mm".
- 5) Once the recess is made ensure that the flap of your HEXABOLT lock remains flush with the surface of the door edge. (check it by keeping your HEXABOLT lock in the recess).
- 6) Fold the marker along the dotted line and place the shorter side of the marker in the recess.
- 7) Mark the hole centres A, B, C, D, E, F on the door panel with a pointed punch. Ref Fig. 2(L) & Fig. 2(R).
- 8) Now remove the marker and make 4 holes of  $\phi 2.5 \times 15$ mm deep at 4 locations of "C".
- 9) Make 3 through holes of  $\phi 6$  at location "A" & "D".



Fig. 2 (L)



Fig. 2 (R)

- 10) At location "D" make a chamfer of  $\phi 11 \times 90^\circ$ .
- 11) Make a counter hole of 29mm up to 19mm depth at location "A" from the outside of door.
- 12) At location "A" enlarge the through hole of  $\phi 6$ mm to  $\phi 17$ mm.
- 13) Make 7 holes of  $\phi 3.5 \times 25$ mm deep from inside of the door at location "B".

**PROCEDURE FOR FITTING OF LOCK & KEY ASSEMBLY**

- 14) Screw up the fixing plate from inside of the door with ( $\phi 3 \times 20$ mm) wood screws. Ref Fig.3.
- 15) Insert lock assembly with cover ring from outside of the door. Ref Fig.4.
- 16) Mark 8-10mm (max) on notch strip from the outer face of fixing plate from inside of door. Ref Fig.5(b).



Fig.3



Fig.4

- 17) Insert screws of ( $3/16" \times 2"$ ) in to lock assembly and measure its extra length.
- 18) Remove the screw of ( $3/16" \times 2"$ ) and cut the extra length from its bottom side.
- 19) Cut the extra length of notch strip with Bolt Cutter. Ref Fig.5(a).
- 20) Remove the burr over the screws of ( $3/16" \times 2"$ ) and notch strip with hand file. Ref Fig.5(b).
- 21) Fix the lock assembly along with the fixing plate with 2 screws of ( $3/16"$ ) Ref Fig.6.
- 22) Insert the key in lock assembly and confirm its free rotation. After Confirmation Remove the Key from Lock Assembly.



## INSTALLATION GUIDELINE & SETUP



Fig.5(a)

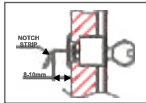


Fig.5(b)



Fig.6

### FITMENT OF LOCK BODY

- 23) Align the crank bush slot to the slot on cover plate. (back side of the lock) Ref Fig.7
- 24) Keep all deadbolts inside the lock body.
- 25) Insert the projected notch strip through the slot on crank bush of lock and fix the lock body to the door with 4 Nos. screws of ( $\varnothing 8 \times 32 \text{mm}$ ) from flap side and 3 Nos. screw of ( $\varnothing 8 \times 55 \text{mm}$ ) from front face of lock body Ref Fig.8
- 26) Ensure the smooth rotation of the key and Dead Bolt actuation.

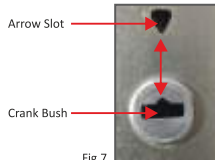


Fig.7



Fig.8

### STRENGTHENING PLATE & RECEPTACLE FITMENT

- 27) Actuate the deadbolts out and insert the receptacle to the deadbolts.
- 28) Close the door to the door frame along with the receptacle and mark its outline on the frame. Ref Fig.9.
- 29) Keep the receptacle top surface 2mm below the lock body top surface to prevent the lock operation tightness when the door will sag in future (Make 2mm deep recess of "210mm X 32mm").
- 30) Mark all 5 Nos. screw centers (4 Nos. on side & 1 No. on front face) Ref Fig.10.
- 31) Remove the receptacle & drill 5 holes (4 Nos. of  $\varnothing 3.5 \times 25 \text{mm}$  & 1 No. of  $\varnothing 3.5 \times 55 \text{mm}$ ).
- 32) Place the strengthening plate on door frame by keeping flat face towards you and match the centre of the half circular cut on plate with centre hole ( $\varnothing 3.5 \times 55 \text{mm}$  Approximately). Ref Fig.11



Fig.9

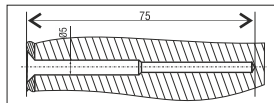
Fig. 10

Fig.11

Fig. 12

Fig. 13

- 33) Mark 4 Nos. holes of the strengthening plate on the face of door frame, Drill the 4 holes with  $\varnothing 4$ mm drill up to 70mm depth. Then drill hole of  $\varnothing 5$  up to 35mm depth & fix the strengthening plate with 4 long screws Ref Fig.12.
- 34) Screw up the Receptacle over the strengthening plate. Ref Fig. 13.



STRENGTHENING PLATE  
FIXING SCREW ( $\varnothing 5 \times 75$ mm)  
4Nos.

**RECEPTACLE FITMENT FOR OUTSIDE OPENING DOOR**

- 35) Keep the Receptacle over the fixed door frame and mark the outline of the receptacle including the deadbolt guiding holes & screw holes
- 36) The marking of receptacle to be done in such a way that the lock deadbolt (already fitted over the door) has to match with the receptacle deadbolt guiding holes for the proper functioning of lock after fitment.
- 37) Keep the receptacle top surface 2mm below the lock body top surface to prevent the lock operation tightness when the door will sag in future.
- 38) Remove the receptacle after marking and make a recess of 210x40x2mm and cavity for dead bolts on the marked area over the wood frame.
- 39) Drill 3Nos. screw holes of ( $\varnothing 3.5 \times 25$ mm).
- 40) Screw up the receptacle

## INSTALLATION GUIDELINE & SETUP



LEFT HAND SIDE RECEPTACLE  
Fig. 14



RIGHT HAND SIDE RECEPTACLE  
Fig. 15

### FINAL CHECKING OF LOCK OPERATION

- 41) Insert key, rotate it and check whether the lock operates smoothly. The dead bolt and the latch bolt should slide smoothly in receptacle. Also rotate the knob from inside and check whether the lock operates smoothly from inside.
- 42) The full round clockwise key rotation from outside of door make the deadbolts to go fully inside the lock body and again a quarter rotation makes the latch to retract so that your door can be opened
- 43) The anti clock wise full round key rotation from outside door make the deadbolts to come fully outside the lock body so that your door is locked.



RIGHT HAND SIDE  
(INSIDE DOOR VIEW)  
Fig. 16

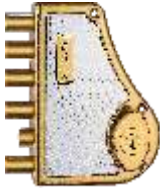


LEFT HAND SIDE  
(INSIDE DOOR VIEW)  
Fig. 17



LEFT/RIGHT HAND SIDE  
(OUTSIDE DOOR VIEW)  
Fig. 18

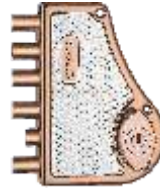
**EUROPA**<sup>®</sup>  
ANTI-THEFT ENGINEERING  
**HEXABOLT**<sup>®</sup>  
6 TIMES STRONGER



GL : GOLD



GB : GUN BLACK



RG : ROSE GOLD



SN : SATIN NICKEL



AB : ANTIQUE BRASS

1st time in INDIA  
**EUR + PA**<sup>®</sup>  
Presents  
**FREE ANTI-BURGLARY INSURANCE**  
Worth Rs. 2 Lakhs



## OUR HIGH QUALITY PRODUCTS

**EUR PA**  
ANTI-THEFT ENGINEERING



MAIN DOOR LOCK



JEMMY PROOF



NIGHT LATCH



DRAWER CUPBOARD LOCK



CENTER SHUTTER LOCK



DISC PAD LOCK



DISC PAD LOCK



DIAMANT PAD LOCK



CYLINDRICAL LOCK

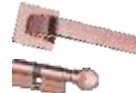
**EUR PA**  
SMART



PROTEKTO



HEXABOLT



MORTISE LOCK



CYLINDRICAL LOCK



PRO MAIN DOOR LOCK



PARMA



NEXEON - NEXT-GEN ARMoured NIGHTLATCH

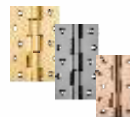
**EUR PA**  
ANTI-THEFT ENGINEERING  
accessories



PULL HANDLE



TOWER BOLT



HINGES

- Images shown are for representation purpose, actual images may vary
- Specification may change in view of continuous development.
- \*FFS available at selected serviceable area • FFS not applicable for purchased through e-commerce platforms.

**EUR PA**  
ANTI-THEFT ENGINEERING

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