

EUROPA[®]
ANTI-THEFT ENGINEERING



HEXABOLT[®]
6 TIMES STRONGER

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.

COMPANY PROFILE

EUROPA PRODUCT RANGE

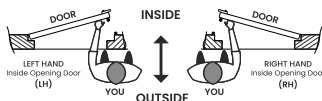
		
DIMPLE KEY	DISC PADLOCK	HEXABOLT
		
ACCESS CONTROL SYSTEM	DRAWER CUPBOARD LOCK	NIGHT LATCH
		
DIAMANT PAD LOCK	MAIN DOOR LOCK	CENTRE SHUTTER LOCK
		
'FEATHER TOUCH' CYLINDER LOCK	JEMMY PROOF LOCK	<p>1st Choice in INDIA</p> <p>EUROPA</p> <p>ANTI-BURGLARY INSURANCE</p> <p>WORTH Rs. 2,00,000</p> <p><small>www.euro.com/india.html</small></p> <p><small>*Conditions apply</small></p>

COMPANY PROFILE



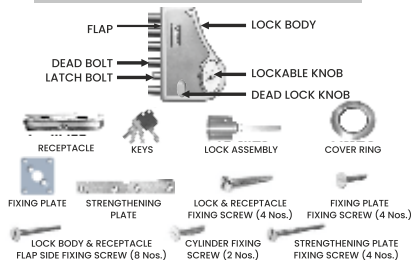
FEATURES

- **HEXABOLT LOCK** : THE STRONGEST DOOR LOCK FROM EUROPA TO SUIT 30 - 55 MM OF INSIDE OPENING OR OUTSIDE OPENING DOOR.
- **Hexabolt lock**, an extra strong high security door lock with 6 strong 25mm projected bolt gives maximum safety from crowbar attack.
- **3 Axis Dimple Key** gives assurance against key duplication, over 10 million combinations.
- **Lockable Knob** gives peace at inside your home from strangers.
- **Special Anti Theft Strengthening Plate** gives extreme strength to your wood door frame & preventing it from cracking during the crowbar attack.
- **Extra Strong Flanged Receptacle**, a challenge to crowbar attackers.
- **Special lock & receptacle** are needed for outside opening door.
- Suitable for inside opening doors (Left / Right side opening).



XTRA SAFE & PEACE

CONTENTS



*Plate Handle will be provided only for H347 & H348, H317, H318, H367, H368 & H357, H358 Models

INSTRUCTIONS MANUAL

FOR PLATE HANDLE MODEL

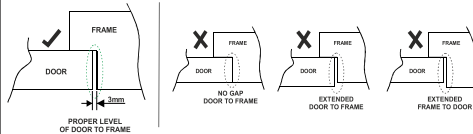
INSTALLATION GUIDELINES & SETUP



HEXABOLT LOCK LATCH BOLT (MODEL - H347, H348, H317, H318, H357, H358 & H367, H368)

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 a 2mm deep recess of 158 x 21mm on the marked area.
- 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 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 \varnothing mm deep at 4 locations
- 9) Make 3 through holes of $\varnothing 6$ at location "A" & "D".

FOR PLATE HANDLE MODEL

INSTALLATION GUIDELINES & SETUP



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 $\phi 29$ mm 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) Drill a through hole of $\phi 17$ mm at location "E".
- 14) Make 7 holes of $\phi 3.5 \times 25$ mm deep from inside of the door at location "B".
- 15) Secure the fixing plate from inside the door with ($\phi 7 \times 20$ mm) wood screws.

PROCEDURE FOR FITTING OF PLATE HANDLE, LOCK ASSEMBLY

- 16) Drill 4 nos through holes of $\phi 6$ mm at location "F".
- 17) Insert the lock assembly & Square Rod in plate handle and keep the handle at its desired position on the door, ref Fig. 3.
- 18) Mark 8–10mm (max) on Notch strip and Square Rod from outer face of fixing plate. Ref. Fig. 4(a) & Fig. 4(b).
- 19) Insert screws $3/16 \times 2"$ in to lock assembly and measure its extra length.
- 20) Remove the screws $3/16 \times 2"$ and cut the extra length from marked bottom side.



Fig.3

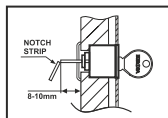


Fig.4(a)

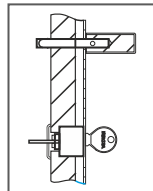


Fig.4(b)

FOR PLATE HANDLE MODEL



INSTALLATION GUIDELINES & SETUP

- 21) Cut the extra length of Notch strip Ref Fig. 4(c) & Square Rod Ref Fig. 4(d) with Bolt Cutter. (Note:- Follow the instructions over the Square Rod for Cutting Ref Fig. 4(e)).



Fig.4(c)



Fig.4(d)



Fig.4(e)

- 22) Remove the burr over the screws of (3/16"x2"), Notch strip & Square Rod with hand file.
- 23) Fix the Plate Handle with help of 4 Nos. screws (MS) with washers from inside of the door.
- 24) Cover-up the screw head with the caps, provided along with the packet.
- 25) Fix the Lock Assembly along with the fixing plate with two (3x16") screws Ref Fig. 5.
- 26) Insert the Key in Lock Assembly and confirm its free rotation.
- 27) Remove key and Align the Notch Strip crank bush slot Fig. 6(a) & Square Rod slot Fig. 6(b) to the slot on cover plate. (back side of the lock).
- 28) Keep all Deadbolts inside the lock body.
- 29) Insert the Notch Strip & Square Rod through it's desired slot on crank bush of lock and fix the lock body to the door with 4 Nos. screws of (ø8x32mm) from front face of lock body Ref Fig. 7(L) & Fig. 7(R).
- 30) Ensure the smooth rotation of the key,



Fig.5

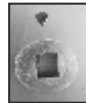


Fig.6(a)



Fig.6(b)



Fig.7(L)



Fig.7 (R)

STRENGTHENING PLATE & RECEPTACLE FITMENT FOR INSIDE OPENING DOOR

FOR STRENGTHENING PLATE & RECEPTACLE FITMENT FOR INSIDE AS WELL AS OUTSIDE OPENING DOOR REFER PAGE NO. 17 & PAGE NO. 18

FOR NON HANDLE MODEL



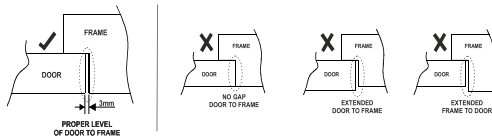
INSTALLATION GUIDELINES & SETUP

HEXABOLT LOCK WITH LATCH BOLT (MODEL - H340, H342, H310, H312)

HEXABOLT LOCK WITHOUT LATCH BOLT (MODEL - H341, H349, H311, H319)

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. 8(L) & Fig. 8(R).



Fig.8(L)



Fig.8(R)

- 4) Make 2mm deep recess of "158x21mm" on the marked area.
- 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 on the door panel with a pointed punch. Ref Fig. 9(L) & Fig. 9(R).
- 8) Now remove the marker and make 4 holes of $\varnothing 2 \times 10$ mm deep at 4 locations of "C".
- 9) Make 3 through holes of $\varnothing 6$ at location "A" & "D".

FOR NON HANDLE MODEL INSTALLATION GUIDELINES & SETUP



Fig. 9(L)



Fig. 9(R)

- 10) At location "D" make a chamfer of $\phi 11 \times 90^\circ$.
- 11) Make a counter hole of $\phi 29$ mm 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) Secure the fixing plate from inside of the door with ($\phi 3 \times 20$ mm) wood screws. Ref Fig. 10.
- 15) Insert lock assembly with cover ring from outside of the door. Ref Fig. 11.
- 16) Mark 8-10mm (max) on notch strip from the outer face of fixing plate from inside of door. Ref Fig. 12(b).

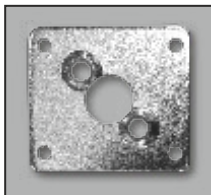


Fig. 10

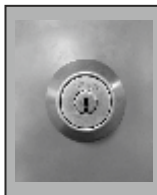


Fig. 11

- 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. 12(a).
- 20) Remove the burr over the screws of ($3/16" \times 2"$) and notch strip with hand file. Ref Fig. 12(b).
- 21) Fix the lock assembly along with the fixing plate with 2 screws of ($3/16"$) Ref Fig. 13.
- 22) Insert the key in lock assembly and confirm its free rotation.

FOR NON HANDLE MODEL INSTALLATION GUIDELINES & SETUP



Fig.12(a)

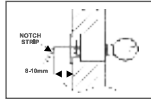


Fig.12(b)



Fig.13

FITMENT OF LOCK BODY

- 23) Align the crank bush slot to the slot on cover plate. (back side of the lock) Ref Fig.14
- 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 (Ø8x32mm) from flap side and 3 Nos. screw of (Ø8x55mm) from front face of lock body Ref Fig.15
- 26) Ensure the smooth rotation of the key.

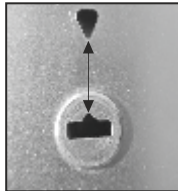


Fig.14



Fig.15

STRENGTHENING PLATE & RECEPTACLE FITMENT FOR HANDLE & NON HANDLE MODEL

- 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.16(a).
- 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.17.
- 31) Remove the receptacle & drill 5 holes (4 Nos. of Ø3.5x25mm & 1 No. of Ø3.5x55mm).

FOR HANDLE & NON HANDLE MODEL INSTALLATION GUIDELINES & SETUP



- 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 on Receptacle ($\phi 3.5 \times 25 \text{mm}$ approximately) Ref Fig. 17.



Fig.16(a)



Fig.16(b)



Fig.17

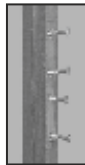
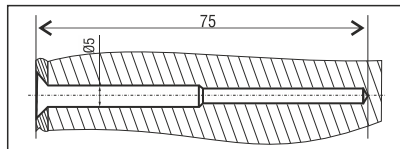


Fig.18



Fig.19

- 33) Mark 4 Nos. holes of the strengthening plate on the face of door frame. Drill the 4 holes with $\phi 4 \text{mm}$ drill up to 70mm depth. Then drill hole of $\phi 5$ up to 35 mm depth & fix the strengthening plate with 4 long screws Ref Fig. 18.
- 34) Screw up the Receptacle over the strengthening plate. Ref Fig. 19.



STRENGTHENING PLATE FIXING SCREW ($\phi 5 \times 75 \text{mm}$) 4Nos.

INSIDE MODEL INSTALLATION PROCEDURE IS SAME FOR WITH HANDLE
& WITHOUT HANDLE MOEDLS

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.

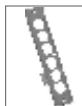
FOR HANDLE & NON HANDLE MODEL INSTALLATION GUIDELINES & SETUP



- 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 3 Nos. screw holes of (ø3.5x25mm).
- 40) Screw up the Receptacle.



LEFT HAND SIDE RECEPTACLE
Fig.20



RIGHT HAND SIDE RECEPTACLE
Fig.21

FINAL CHECKING OF LOCK OPERATION (FOR PLATE HANDLE MODELS)

- 1) Insert key, rotate and check whether the lock operates smoothly. The Deadbolts and the Latch bolt should slide smoothly in Receptacle. Also rotate the knob from inside and check whether the lock operates smoothly from inside.
- 2) The full round clockwise key rotation from outside of door makes 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.
- 3) The anti-clockwise full round key rotation from outside door makes the Deadbolts to come fully outside the lock body so that your door is locked.



RIGHT HAND SIDE
(INSIDE DOOR VIEW)
Fig.22



RIGHT HAND SIDE
(OUTSIDE DOOR VIEW)
Fig.23



LEFT HAND SIDE
(OUTSIDE DOOR VIEW)
Fig.24



LEFT HAND SIDE
(INSIDE DOOR VIEW)
Fig.25

FINAL CHECKING OF LOCK OPERATION (FOR NON HANDLES MODELS)

- 1) 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.
- 2) 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.
- 3) 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.26



LEFT HAND SIDE
(INSIDE DOOR VIEW)
Fig.27



LEFT/RIGHT HAND SIDE
(OUTSIDE DOOR VIEW)
Fig.28

For periodic cleaning and lubrication of lock assembly use (zorrik88/wd40/csr/rustlick631)



Thank You

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NOTE : KINDLY PRESERVE THIS CARD CAREFULLY

DURING RENOVATION (PAINTING/CONSTRUCTION WORK) COVER KEY HOLE OR CYLINDER BY ADHESIVE TAPE TO AVOID ENTRY OF DUST. FOREIGN PARTICLES INTO IT. DO NOT USE OIL IN LOCK ASSEMBLY FOR CLEANING. USE OUR RECOMMENDED PRODUCT 'ZORRIK 88/WD40/RUSTLICK 631'.