



**EUROPA**®

ANTI-THEFT ENGINEERING

**NEXEN**™

NEXT-GEN

ARMoured NIGHTLATCH

U S E R M A N U A L

# CONTENTS



	PG. NO.
COMPANY PROFILE	1
.....	
NEXEN PACKAGING CONTENTS	3
.....	
PRECAUTIONS	4
.....	
INSTALLATION GUIDELINE & SETUP	5
• Installation Requirements	
• Door Thickness Requirements	
• Door Direction (Opening)	
• Tool Required	

**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 MCCIA, 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 Entrepreneur's International Club of Pune.

**NEXEN  
PACKAGING CONTENTS**



 <p>LATCH MODEL</p> <p>DEADBOLT MODEL</p>		 <p>LOCK ASSEMBLY WITH KEYS 3+1 LIGHT KEYS</p>		 <p>ARMOUR PLATE</p>	
 <p>RECEPTACLE LATCH MODEL</p>	 <p>RECEPTACLE DEADBOLT MODEL</p>	 <p>COVER RING</p>	 <p>STRENGTHENING PLATE</p>	 <p>PULL HANDLE</p>	
 <p>RECEPTACLE TOP SCREW</p>	 <p>LOCK BODY SIDE SCREW</p>		 <p>ARMOUR PLATE SCREW</p>	 <p>STRENGTHENING PLATE SCREW</p>	
 <p>LOCK FLANGE SCREW</p>	 <p>RECEPTACLE FLANGE SCREW</p>	 <p>FIXING PLATE SCREW</p>	 <p>FIXING PLATE</p>		

- Follow the instructions and pictures carefully for the proper installation and smooth functioning of your lock.
- **Lock fitting should be done by an 'EUROPA' authorised carpenter/ technician only**
- The company will not be responsible, if the lock is damaged due to improper installation.
- Lock fitting screws are suitable for door up to 30 to 55 mm thick.
- **Do not insert any of the screws by hammering** which may damage your lock and door; company will not be responsible for such damages.
- Door stopper should be fixed to avoid damage to lock body, by hitting against the wall or any other object.
- Before lock fitting, always make sure that door and its frame are in same level while in closed condition. The improper level will affect the smooth functioning of lock (company is not responsible for such cases).

# INSTALLATION GUIDELINE & SETUP

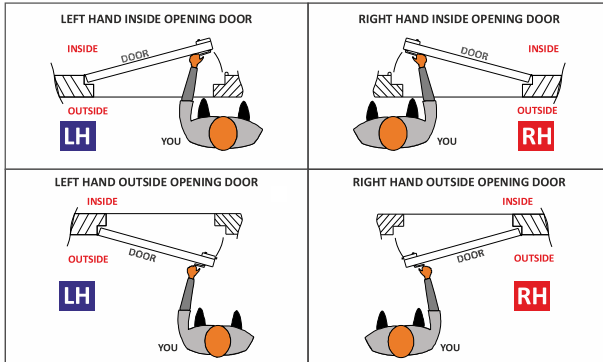


## 1. INSTALLATION REQUIREMENTS

### 1.1) Door Thickness Requirement

- Suitable for 30 to 55 mm door thickness
- Suitable for inside and outside opening door

### 1.2) Door Direction



## 2. TOOLS REQUIRED



## **I. PREPARE THE DOOR**

- 1) Confirm that door and frame surfaces are in same level.
- 2) Place your lock body on the inside panel of the door at your desired height. (42"height from the floor recommended)
- 3) Mark the outline of the flap on the side face of the door with pencil, ref. Fig.1a/1b
- 4) Fold the marker along the dotted line and place the shorter side of the marker on the door.
- 5) Mark the hole centres A, B, C and D on the door panel with a pointed punch, ref. fig. 2
- 6) Now remove the marker and make 3 holes of  $\text{Ø}3.5 \times 25\text{mm}$  deep from inside of the door at location "C".
- 7) Make 1 through hole of  $\text{Ø}30\text{mm}$  and chamfer of  $\text{Ø}34 \times 2.5\text{mm}$  at location "A".
- 8) Make 2 through holes of  $\text{Ø}10\text{mm}$  and counter hole of  $\text{Ø}14\text{mm}$  with 3mm to 4mm depth for armoured plate side at location "B".
- 9) Make 3 through hole of  $\text{Ø}3.5 \times 38\text{mm}$  at location "D".
- 10) Make 4mm deep recess of "81x20mm" at lock flap side.
- 11) Once the recess is made, ensure that the flap of your lock case remains flush with the surface of the door edge. (Check it by keeping your lock in the recess).



Latch Model  
Fig.1 (a)



Deadbolt Model  
Fig.1 (b)



Fig. 2



## INSTALLATION GUIDELINE & SETUP



### Procedure of changing Latch Bolt orientation for Latch Bolt model (N910):

- 1) Keep deadbolt at locked condition. (At least One Stroke)
- 2) Pull the Latch bolt outside with optimum force. (Use Cover Plate Slot To push Latch Bolt Assembly Out)
- 3) Rotate the Latch Bolt Clockwise/Anticlockwise Direction by 180°.
- 4) Confirm Latch Bolt Operation after Orientation.



Image 1 :- Procedure for changing  
Latch bolt orientation

## II. LOCK ASSEMBLY INSTALLATION

- 12) Secure the fixing plate from inside of the door with (Ø8 x 25 mm) refer fig. 3.
- 13) Insert lock assembly with cover ring and Armoured plate through the Ø30 drilled hole from outside the door, refer fig. 4.
- 14) **Mark 8-10 mm (max)** on the notch strip from the outer face of fixing plate from inside the door.
- 15) Insert (2 no's) screws of dia. 3/16" x 2" into lock assembly, measure & cut the extra length of screw with small hacksaw and remove burr with hand file.
- 16) Remove the lock assembly and cut the marked extra length over the notch strip by Bolt Cutter.

- 17) Fix the lock assembly with Armoured plate in line with the fixing plate with 2 Nos. screws of (dia. 3/16").
- 18) Ensure Armoured plate sleeves get fitted in the door properly to accommodate lock screws from inner side.
- 19) Insert key in lock assembly and ensure its smooth rotation.



Fig. 3



Fig. 4

### III. LOCK BODY INSTALLATION

- 20) Remove key from lock assembly.
- 21) Align the cover plate crank bush slot with the arrow slot on cover plate. (Backside of the lock), refer fig. 5 (a).
- 22) Keep deadbolt in unlocked condition.
- 23) Hold the lock body near the door surface. Insert the projected notch strip through the slot on crank bush of lock and fix the lock body to the door with 3 nos. screws ( $\varnothing 8 \times 38\text{mm}$ ) from flap side, ref. fig. 5 (b)/fig. 5 (c)

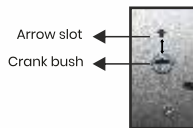


Fig. 5 (a)



Latch Model  
Fig. 5 (b)



Deadbolt Model  
Fig. 5 (c)

- 24) After fixing of lock, ensure the smooth rotation of the key & deadbolt actuation.

## INSTALLATION GUIDELINE & SETUP



### IV. RECEPTACLE INSTALLATION

- 25) By rotating the knob bring the deadbolt in lock open position. insert the receptacle.
- 26) Close the door along receptacle; keep the receptacle 2mm below the level of the lock body (deadbolt actuating gap) to prevent the tight operation of lock due to door sagging in the future.
- 27) Mark outline of flap on the door frame with a pencil. Remove the receptacle, make recess of 3.5mm depth at marked area over the inside and door edge faces of the door frame. refer Fig. 6 (a)/6 (b).
- 28) Mark the 4 screw holes with point punch by keeping the receptacle in recesses. Drill four holes of ( $\varnothing 4 \times 45\text{mm}$  deep). Make relief hole of  $\varnothing 5.5\text{mm} \times 13\text{mm}$  deep.
- 29) Fix the strengthening plate to the door frame by making hole  $\varnothing 4 \times 75\text{mm}$ , 2 Nos. Make relief of  $\varnothing 5.5\text{mm} \times 25\text{mm}$  deep. refer fig. 6 (d) and fig. 6 (e).
- 30) Fix the receptacle to the door frame by 4 screws. (ensure receptacle flap remains flush to the door frame surface). refer fig. 6 (c).
- 31) Fix the top face screw with the hole of  $\varnothing 4 \times 40\text{mm}$ .



Latch Model  
Fig. 6 (a)



Deadbolt Model  
Fig. 6 (b)



Fig. 6 (c)



Fig. 6 (d)



Fig. 6 (e)

- COVER THE KEY ENTRY HOLE WITH ADHESIVE TAPE TO PREVENT DUST ENTRY DURING RENOVATION WORK & INSTALLATION OF LOCK
- FOR PERIODIC CLEANING AND LUBRICATION OF LOCK ASSEMBLY USE 'ZORRIK88/WD40/CRC/RUSTLICK631

**DO NOT USE OIL IN LOCK ASSEMBLY**

**V. RECEPTACLE FITMENT FOR OUTSIDE OPENING DOOR**

- 32) Keep the Receptacle over the fixed door frame and mark the outline of the receptacle including the deadbolt guiding holes & screw holes.
- 33) The marking of receptacle to be done in such a way that the deadbolt (already fitted over the door) has to match with the receptacle deadbolt guiding Lock Body holes for the proper functioning of lock after fitment.
- 34) Keep the receptacle top surface 2mm below the lock body top surface to prevent the tight lock operation if the door sag in future.
- 35) Remove the receptacle after marking and make a recess of 120 x 36 x 2mm and cavity for Dead bolt & Latch bolt on marked area over the wooden frame.
- 36) Drill 2 Nos. screw holes of (Ø3.5x25mm).
- 37) Fix up the receptacle.



Fig. 7 OUTSIDE OPENING DOOR RECEPTACLE FOR LATCH MODEL



Fig. 8 OUTSIDE OPENING DOOR RECEPTACLE FOR DEAD BOLT MODEL

OFFERING



- High security "ANTI-THEFT" lock design after extensive analysis of 500+ actual theft site visits, supported by in depth Research.
- Extensive "THEFT TESTS" conducted in controlled setup on actual doors to ensure product strength.
- Breaking force of lock is 5 times more than ordinary Night Latch.
- Thicker "ANTI-BEND" cover ring & fixing plate for extra strength of lock cylinder.
- Armoured "ANTI-BREAK" door protection plate enhances the strength of main door against crow bar attack.
- Strengthened Alloy Steel dead bolt with ROBUST ROUND EDGES reduces STRESS CONCENTRATION which results in ENHANCED lock strength against crow bar attack.
- "ANTI-TEAR" strengthening bracket for lock body.
- Thicker Heavy Duty Receptacle with protecting cover to enhance breaking load to prevent breakage during theft attempts.

SMART PLUS KEY



- Bigger & thicker key with extended length; high precision machining with micron accuracy; to eliminate duplication. An ordinary identical dimple key without these floating balls cannot open this lock
- Precision machined lock assembly with 20 locking pins made with Swiss machine, and the presence of 2 FLOATING BALLS creates an "Interlocking Mechanism", which provides an extremely high level of security.
- 5 Crore non-interchangeable key combinations.





**EUROPA**<sup>®</sup>  
**SMART**

**LOCKSMART**  
**LOOKSMART**



Scan for  
Smart Series Video



<p><b>HEXABOLT</b> 6 TIMES STRONGER</p> 	<p><b>PRO</b> EXTREMELY DURABLE</p> 	<p><b>PROTEKT</b> THE ANTI-THEFT SOLUTION</p> 	<p><b>PARMA</b> ANTI-THEFT SOLUTION</p> 
<p><b>EUROPA</b> <b>FOOT LOCK</b></p> 	<p><b>EPSILON</b> ANTI-THEFT SOLUTION</p> 	<p><b>NEXEN</b> NEXT-GEN ARMOURD NIGHTLATCH</p> 	<p>accessories</p> 

[www.europalocks.com](http://www.europalocks.com)



**LOOKSMART**  
**LOOKSMART**



SATIN NICKEL



ROSE GOLD



GOLD



ANTIQUE BRASS



NEXT-GEN  
ARMoured NIGHTLATCH



GUN BLACK

- 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.



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Nexen/UM/March/2024