

Winter 2016 Volume No. 9 Issue No. 3

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The David Dunlap Observatory in Richmond Hill, Ontario.

Built in 1935, it was home to the largest telescope in the British Commwealth for many decades.

## Canacian Institutional Locksmith

The Official Publication of Institutional Locksmiths Organization of Canada



#### **Mission Statement of ILOC**

ILOC (Institutional Locksmiths Organization of Canada) is a not for profit trade organization set up as one voice to provide support and education to its members in the Institutional and In-House aspects of the Locksmithing and Security Industry.

Our members include: Locksmiths, Carpenters, Maintenance Workers, and anyone else involved in the installation, sales and service of security door hardware in Hospitals, School Boards, Universities and Colleges, Commercial Companies, Property Management Companies, Government Institutions, Hotels, Municipalities, Hydro, Transit Systems, etc.

We are dedicated to increasing access to education, proper training and the sharing of information throughout the industry in order to provide a better and more professionally trained Locksmith for the Institutions and Companies requiring our services.

ILOC is committed to working in partnership with Distributors and Manufacturers to create a foundation of viable educational resources for our members while supporting their products and services for the betterment of all.

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Strength Through Knowledge, Education, and Unity

Canadian Institutional Locksmith is published online and distributed to Institutional Locksmiths, Locksmith Associations, Healthcare Facilities, Colleges and Universities, School Boards, Government Agencies, Transit Commissions, Property Management Companies, and other security industry related companies and personnel throughout the world. The publisher reserves the right to cancel or deny any subscription at anytime without notice. All articles and/or technical information, including advertising are selected from submissions for reasons of timeliness, available space, and general interest to our readers. We regret that we are not able to select all submissions for publication. In some cases, edited versions of submitted material are presented and we are unable to vouch for their accuracy at the time of publication. Opinions expressed herein do not necessarily reflect the official view of ILOC or it's members. Appearance of advertisements does not constitute endorsement of products featured.

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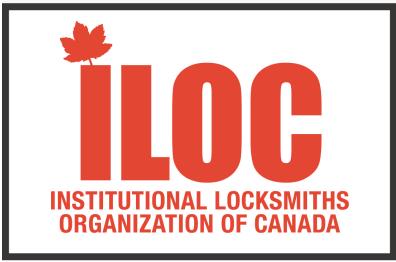
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## The Last Word...Again.



Seasons Greetings,

Well, it looks like our world travelling President has flown the coup again and headed down to South America for the holidays. I promise to have a message from him in our next issue.

We are getting ready to celebrate our 10th Anniversary in 2017 and we have already started planning ahead.

After raising \$3550 at our 2016 golf tournament, we are thrilled to announce the **2nd Annual Jeffrey Callaghan Memorial Golf Tournament** will be returning to Shawneeki Golf Club in Sharon, Ontario on Wednesday May 17th, 2017 in support of Cystic Fibrosis Canada for new research to find a cure for such a deadly disease.

When you think of the value of membership in a recognized trade organization to an employer or customer, it really is a no brainer to join **ILOC**, especially for the cost of dues compared to **ANY** other lock organization in North America. We have continued to keep costs down in order to offer the lowest dues around. For less that the cost of a cup of coffee, one can join **ILOC** and have the strength of the **ONLY** National Locksmith Organization in Canada at your fingertips.

We continue to have a great partnership with our corporate members all across Canada. The future is indeed bright and exciting for everyone involved in **ILOC**. Be sure to "like" us on **facebook** or ask to join the **ILOC** group on **LinkedIn** for up to date information on benefits, classes and social events and keep checking our website at www.iloc.ca for more information.

Have a happy and safe holiday season and we shall see you next year!

Thomas Ian Fraser

Editor

Canadian Institutional Locksmith

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## Open to ALL Locksmiths across Canada



#### Welcome to the new National Locksmith Registry

This registry is open to ALL Locksmiths (not just Institutional) and security personnel whether they are currently members of an existing organization or not. The National Locksmith Registry has been created in order to provide a legitimate database of Locksmiths and Security personnel from across Canada who have completed and passed an RCMP criminal background check (form C216-C). This registry is for individuals only and not open to companies or corporations. The registry will not interfere with any province's existing Locksmith legislation and will only go to enhance our industry in the last remaining areas of Canada where there is no legitimate licensing and legislation. The National Locksmith Registry is a creation of and owned by ILOC and will provide the public,

corporate, institutional and private sectors with the means to carry out safety and due diligence checks of their contractors and installers of security and door hardware as well as create peace of mind with residential customers regarding who is controlling the keys to their homes. This is a serious issue that has been neglected for far too long. The new National Locksmith Registry will go hand in hand with proper training to provide our industry with the best Locksmiths and security personnel possible for our clients.

To register, please complete the following steps.

- 1) Visit the RCMP website at www.rcmp-grc.gc.ca/cr-cj/fing-empr2-eng.htm for a quick link on how to obtain a criminal background check.
- 2) Visit the ILOC website at www.iloc.ca and download the registry application form.
- 3) Mail the completed form along with a photocopy of the approved RCMP background check (no faxes accepted), a passport size colour photo and the \$10CDN processing fee to the ILOC office as stated on the registration form.

All picture ID cards will carry the name, company where the registrant is currently employed and the expiry date, which will be three years from the registration date.



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## The Bagno and The Bastille

#### By Brian Denyer

#### Historical Quality Reproduction Restraints

Pictured are some well made restraints distributed by the A8 Inc., located in the United States. This company has been in business for over 2 years and recently started the on-line store this summer at www.cuffmeup.com

At first, when I saw the pictures, it seemed to be a sturdy well-made piece of equipment. Wishing to add it to my small quality collection of historical restraints, I ordered



it. When it came in the mail it weighed a ton. Also, it lived up to the quality displayed in the pictures. Manufactured in Pakistan, this is a true quality reproduction of the

ones used at the **Bastille** 217 years ago.

Pictured is a **Bagno Arm Screw**, model kb-961, made by the manufacturer know as **KUB**.

This item is secured using a padlock (not supplied).
The prisoner's hands are



put through each opening while the wing nut is tightened by winding down along the screw post. A padlock shackle is then applied through the holes and locked, making it impossible to unscrew the restraint.

This particular model has a round inner nut so you can secure the opening to a preset size.

Originally used since the Medieval period of history, it is of a similar design to a"thumbscrew", but this one



is big enough for the wrists.

Composed of 3 pieces the design is simple and effective.

The infamous political
Bastille Prison was located in
Paris on Rue Saint-Antoine
# 232. **Bastille** is a french
word meaning castle or
stronghold and was
additionally a nickname
given by Parisians to the
official fort's name of
"Bastille Saint-Antoine".

Up until November 1789
the location of the prison
was at the **Paris City** limits
in a marshy part of the
town. The subterranean **cachots cells** were
placed deep enough that
they flooded at certain states
of the tide. Those
inmates were said to be
having a bath, which is
translated from the term **bagne**. Reportedly there
was a similar situation in

some Italian prisons and the partially immersed prisoners that were unlucky enough to be wearing these handcuffs were sarcastically referred to as taking a bath. Therefore these cuffs became nicknamed "bagno" for the Italian term bath.

The political prison is best known today because of the symbolic act of rebellion in storming the **Bastille** on 14 July 1789.
This event marked:
1) The end of absolute monarchy in France.
2) The beginning of the French Revolution.
3) The eventual creation of

Starting in 1880, the 14th of July was officially declared **Fete de la Federation (Bastille Day)** and is still commemorated as a French Nationalholiday.

the (First) Republic in 1792.

4) An attainable propaganda

victory

The daysignifies both the end of the French Monarchy (**King Louis XVI** and **Queen Marie Antoinette**) and as a symbol of the birth of the Republic.

As with all violent overthrows, the Revolution brought swift changes. Absolute Kings and Queens no longer rule.
Instead, power is divested democratically in the citizens of France who have a say in the political decisions being made.

The tri-colour flag of blue, red and white was also in troduced. Three also represents the Republic's ideals: Liberty, Equality, and Fraternity for all French citizens.

### Early history of the Bastille

The fortification was erected during the period from 1370 to 1383 as part of the defences of Paris, and also contained an armoury.

During the 17th century, **Charles the VI** converted it into a prison. At that time, it primarily housed the following groups of prisoners. Political, religious, critics who authored seditious pamphlets, and young rakes held at the request of their aristocratic families.

By the late 18th century, the building was composed of eight towers, about 80 feet high (24meters), surrounding two courtyards and a munitions armoury. Prisoner populations varied and they were held within 5 to 7 of

the total eight towers.
Some of the more notable prisoners were **The Man in the Iron Mask** (prisoner from 1698 to 1703), **Voltaire** and the still controversial **Marquis de Sade**, whom Sadism is named after.
Each cell measured about 15 feet (4.6 meters) across.

#### Planning Considerations for the Ambush Site

In order to successfully attack and occupy the fort, the revolutionaries had to obtain background target information. This was a soft targetdue to being inactive and holding only 7 prisoners and it was soon to be decommissioned. Another facet of the required **targeting intelligence**, was the composition and size of defender weapons, troops, and reinforcement capabilities.

The regular garrison consisted of about 80 invalids (veteran soldiers no longer fit for active duty). It would have been foolhardy to choose an active and important Government building. It would have been manned by active duty troops, which could have been quickly reinforced with a reserve force. The credibility of the revolutionary leadership

would have been damaged by a public failure to take over such a target. So, the choice was to set the threshold low enough to allow the common people win a symbolic victory.

Another facet of **planning intelligence** was the layout of the building and grounds. Having only one entry/exit point, the Bastille defenders were channelled to defending that point. The massive walls restricted the defenders movement from all sides. In effect, they were confined to the prison. Former prisoners were sought out to share their insider knowledge. An important consideration is biographical

**intelligence** of the

opposing Commander.

Using their knowledge of the Prison's Governor Bernard-Rene de Launay's capabilities and limitations, a formulated plan was put into motion. He was a political appointee who lacked both effective counter tactics, and a self-protection program. Worse, there was an administrative failure to provide an outside roving security patrol to identify signs of impending attack or prisoner escape.

After several frontal assaults, and numerous deaths of the common

people, Governor Launay was demoralized further when a pair of cannons was brought up to the gate along with defectors from the regular military forces.

If a cannon is a long-range weapon, then why position it in a place of vulnerability to enemy fire? They could have been fired from a position of safety out of range of the defenders rifle fire. The group's primary mission was the Armoury and its supply of munitions, and the secondary objective was the Bastille itself. Could it have been a bluff taking advantage of the Prison Governor's psychological weakness?

A defensive structure such as a fort was designed to have overlapping fields of fire. These kill zones would have caused massive casualties to the attackers.

### Demolition of Place de la Bastille

After obtaining an official permit, **Pierre-Francois Palloy** was able to exploit the profit making ability of the Bastille demolition site. It was turned into a paying attraction, with sales of souvenirs such as the masonry blocks used to build the stone-reinforced walls.

Building of the **Pont de la Concorde** was
composed from demolition
blocks from the Bastille.
Other reusable material

Other reusable material included the oak structural beams, doors, and prison hardware. The most interesting pieces for sale were items such as the keys, detention locks, handcuffs, and other restraints.

Some of the tempered steel keys are on display at the **Musée Carnavalet** (Museum Carnavalet) located on the rue des Francis Bourgeois. This museum is devoted to the history of Paris, and is historically a significant site, being built in 1548. The museum is housed within the Hotel.

**Palloy** organized a demolition crew of 500 men on the 15th of July.

In November, at the projects completion, the numbers had grown to around 1,000 men.

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## **EXPERIENCE AND ETHICS. HAVE THEY**BECOME A THING OF THE PAST?

#### **By Thomas Fraser**

I have heard it for many years now in any trade organization I have been involved with across this continent. "We need members to volunteer their time on the Board of Directors". Well, this phrase has now taken a dark turn for some trade Associations lately. While we at ILOC have the good fortune to have all of our Board members come to us as respected individuals with at least twenty years of experience the Security and Door Hardware industry, other groups are not doing so well.

While they may have Board members or even a shrinking Board, the key positions that are necessary to keep the Organizations or Associations running smoothly are now being held by persons (through no fault of their own) of very little experience with holding previous Board positions, or to make matters worse, have little or no real experience in the lock industry itself.

How does an Association look after its members needs when the Executive Board has little or no idea of what those needs really are or how to fill them?

Are they just taking the member's dues and killing time until they figure it out years later? Is the Association being left to wither and die?

It is something to admire that a new or inexperienced member volunteers to do a job that has been vacated, but what every Organization needs is for members with experience both at Board and industry levels to take an equal stand in running the Boards of these groups in order to maintain the high standards which each member deserves.

Members in all provinces and Territories deserve to be represented by the best people available in trade Organizations that have their best interests and those of the industry as a whole in mind at all times.

With many of the "Old Guard" retiring or passing away over the past few years, it has become even more imperative that members gain experience at the Board level before attempting to carry out more sensitive positions such as President, and Vice-President.

Associations are only as strong as their members. That is why not only experience, but ethics are also very important for not just Board members, but **ALL** members. Remember, By-Laws and Ethics are not just words. They constitute the very core principles of these trade Organizations. From "Price Gouging" scammers to Provincial Locksmith Association members being arrested and charged for allegedly being involved in a stolen car ring to overcharging and switching quoted locks to offshore low quality knockoffs while promising high security hardware, these matters affect us all across the country and drag down the reputation of our industry.

Like the saying goes, "A few bad apples spoil the barrel".

Strong members provide strong Boards which in turn provides strong leadership to guide these Organizations towards bigger and better offerings in turn for their members.

We all can make a difference if we participate!

## The Rise of Organized Retail Crime and What Your Store Can Do About It

#### By Dan Doyle

The growing scale and sophistication of retail thefts is putting pressure on stores to boost their <u>loss</u> <u>prevention</u> efforts. That's according to a new survey by the National Retail Federation, which asked respondents about their experiences with organized retail crime (ORC).

Of the retailers surveyed, 100% reported having been victimized by ORC. This growing phenomenon covers a wide range of crimes including shoplifting, warehouse thefts, false returns and the manipulation of gift card programs.

As opposed to small-scale thefts by individuals and employees, these larger criminal activities are carried out by coordinated groups of thieves. In fact, organized retail crime is now the leading cause of retail shrinkage, moving ahead of employee thefts.

The <u>survey</u> comes just a few weeks ahead of the biggest retail season of the year, including Black Friday in the US.

#### **Great Sales Expectations?**

Retail spending forecasts for this holiday season are positive, but much more so on the digital side. For the retail sector as a whole, sales in November and December are expected to increase 3.6% over 2015 (those numbers exclude spending related to automobiles, gas and restaurants).

Still, although physical stores are expected to see just modest increases over 2015—3.3%, according to the International Council of Shopping Centers—their loss prevention measures will be put to the test during what is traditionally the busiest time of year for retail shrinkage.



#### **Types of Retail Shrinkage**

According to the NRF's survey, organized retail theft can happen at any point during the lifecycle of a product. Here are some of the most common forms of retail shrinkage to be on the lookout for in 2016:

- Gift Card Scams These occur when thieves return stolen items for store credit, most
  often a gift card. Thieves can then resell those cards online through secondary-market
  websites.
- **Shoplifting** Designer clothing, high-end handbags, electronics and children's toys are some of the most popular shoplifting targets. When criminals work together, such as in coordinated shoplifting attacks, the losses are even greater.
- **E-fencing** This newer form of crime refers to sales of stolen goods online, including on classifieds or auction websites.
- Cargo Theft These organized thefts occur before products even reach the store, for example from the warehouse or even in the form of a truck hijacking.



#### **Stepping Up Against Organized Retail Crime**

Projections from Checkpoint Systems, a provider of specialty label and packaging solutions, have US retail shrinkage in the fourth quarter of 2016 nearly doubling that of the previous two quarters. In other words, retailers will have to be extra vigilant during the busy shopping season.

The NRF recommends that retailers take the following steps to improve their loss prevention results at their stores, especially against organized retail crime:

- Invest in proper training of employees so they understand how to recognize and report potential crimes. This includes temporary staff brought on to help with the seasonal rush;
- Install video surveillance systems with analytics capabilities;
- Equip products with censors or other individual safeguards (such as the LCBO's investment in bottle locks with microchips to prevent thefts of spirits).

Other steps you can take to boost retail security include organizing your store's layout to prevent blind spots and keeping the most valuable or targeted products closest to checkout. A locking cabinet can allow you to display your product while keeping it well protected. For added security and accountability you can install cabinet locks that come with event auditing and integrate with an access control system.

#### **How We Can Help**

There's no denying that organized retail crime is becoming more sophisticated and more common. But that just means retailers have to be more creative in their approaches to stop it.

From small business surveillance kits and showcase locks to exit alarms and wireless security systems, our retail loss prevention products are designed help your store fight back against shrinkage all-year round. Contact ABC Security to learn more about our lineup of effective, scalable and user-friendly products from the most trusted names in retail security.

Social media blurb & short link:

#### The Rise of Organized Retail Crime and What Your Store Can Do About It

The growing scale and sophistication of retail thefts is putting pressure on stores to boost their loss prevention efforts. That's according to a new survey by the National Retail Federation, which found that 100% of respondents have been victimized by organized retail crime (ORC), including inventory thefts, efencing and gift card scams. Learn more about what your store can do to reduce retail shrinkage, especially during the busy holiday shopping season. http://bit.ly/2fCFRzU





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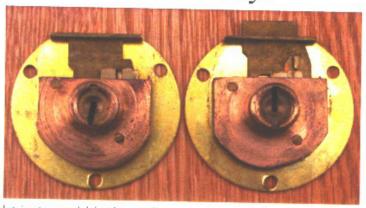


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## How Do We Do That? The art of making a key the Old Fashion way.



A customer brought in two old locks and would like you to make two keys for them. Naturally you realize there are no blanks available any more. You need to find a substitute.

Start by measuring the total length needed before the bow is in the way. Measure from the outside of the lock towards the front. Take also the measurements from the keyhole, and the

square slot in the face of the tube.

The closest blank I could find is a DL639, Ilco 1031. One of these locks needed to be brought to the locked position before making a new key.

stop but leaving enough material for the tip.

Cut the blank square on the end, down to the

.040" - 1 0 mm .285" - 7.2 mm



Try this tip on the backside of the lock to make sure it will fit this tiny hole.

File the height of the blank down so it will slide from the front of the lock into the



tube & plug. When the blank fits in the lock, mark the outside of the blank, and file the throat cut from this mark (towards the tip) until the blank turns in the plug. Remove the

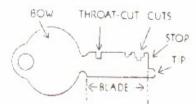
blank and smoke the edge of the blank. Make sure there is enough soot on the blank. Insert it back into the lock and gently

turn the blank feeling for first contact. Remove the blank and look for marks. File a little at a time where you see a mark, then add more soot and



insert the key into the lock again and turn to light contact. Continue doing this a little at a time, and you should have a working key with some practice.

With the two locks from your customer you may not need to smoke the blank by

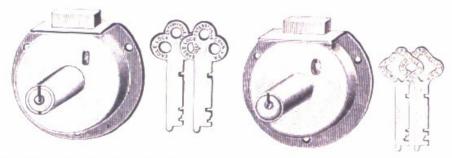


When done, smooth out the new cuts and feel for rough edges on the new key.

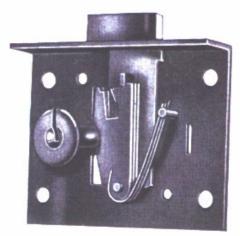
When these locks where originally mastered, you will find an extra cutout in the combination wafer. In this case we only need to use one of them.

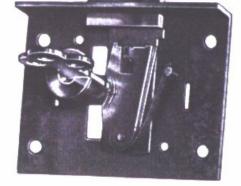


Observe the movement of the combination wafer while the key is turned.



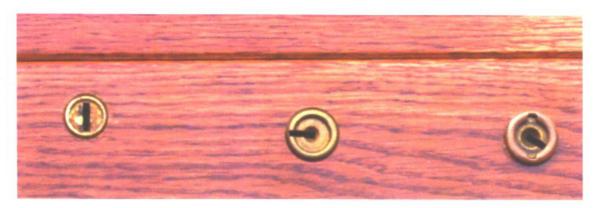
Shown above are two Eagle locks from an old catalog. The lock on the left has the key removable in the locked and unlocked positions. With the lock on the right, the key can only be removed in the locked position. By filing an extra cut in the tube, at the bottom, the key can be removed when locked and unlocked.





These two locks show their inner workings, with a key and without a key. The left lock shows that the levers are not aligned when no working key is in the lock.

The proper key is inserted in the right lock, this aligning the levers, permitting the bolt to be retracted.

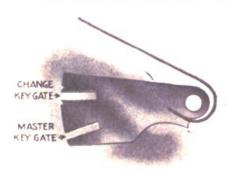


In the above picture you can see 3 locks. This is only a mock up. It needs to give you the impression of a locked cabinet. When a cabinet is locked and the customer needs a new key, use the smoke method to make the key.

In the above picture you see 3 locks, all 3 are in a locked position. Starting from left to right; for the first you will need a steel blank with the tip in the middle of the blank. The other two locks will have the tip on the bottom of the blank.

The lock in the middle has only one cut in the tube; the key can only be removed when lock is in a locked position. In this case the key is only turned one half turn to open. This lock itself is a spring-loaded latch.

The lock all the way on the right has two cuts in the tube. The key is removable in a locked or unlocked position. This lock is a deadbolt.







Arnold

Lever Tumbler

## **CONSUMER ALERT!!!**

It has come to our attention as well as the Better Business Bureau that the so-called scammer locksmiths have risen again across our country. **ANY** company with the words "Locksmith Master" or "Pro's" in the name **ARE NOT AND NEVER WILL BE MEMBERS OF ILOC!** 

They are using false affiliations and illegal use of various trade logos such as our own. Beware of these "alleged" crooked companies which appear to be based out of Atlanta, Georgia and have no **legitimate** licensing or employees in this country.

The following list of names has been confirmed to be **illegally** using the ILOC logo and claiming to be members...which they are not!

**Aurora Locksmith** 

Concord Locksmith Master

**Downsview Locksmith** 

**King City Locksmith** 

**Maple Locksmith** 

Milton Locksmith Master

Newmarket Locksmith Master

**New Westminster Locksmith Master** 

North Vancouver Locksmith Master

North York Locksmith

Oshawa Locksmith Master

Port Coquitlam Locksmith Pro's

**Port Moody Locksmith Master** 

Port Moody Locksmith Pro's

**Richmond Locksmith Master** 

**Shield Locksmith** 

**Surrey Locksmith Master** 

**Thornhill Locksmith** 

**Toronto Locksmith Master** 

**Vancouver Locksmiths Master** 

Vancouver Locksmith Pro's

Vaughan Locksmith

**Winnipeg Locksmith Master** 

**Woodbridge Locksmith** 

24 Hour Tsawwassen Locksmith Master

24 Hour Vancouver Locksmith Master

As we at ILOC are about to enter into our 10<sup>th</sup> Anniversary year, we would like to remind everyone to stay safe and happy while enjoying the holidays.

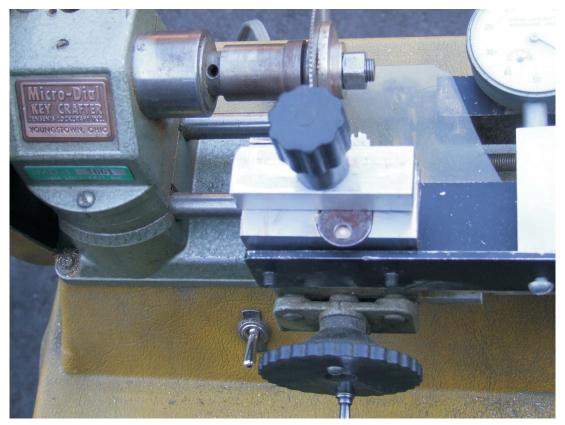


## **Arnold Sintnicolaas 2008**



## How Do We Do That? Preparing the Jensen Key Crafter





## **Arnold Sintnicolaas 2008**



Cut spacing is from right to left. The following codes are arrived from the padlock I have worked on. The keys are marked as follows

TCL1 .100 .000 .100 .000 .000 .100 TCL2 .100 .000 .060 .100 .060 .100 TCL3 .085 .000 .000 .000 .060 .060

The cutter on the modified Jensen Micro-Dial Key Crafter is flush with the blank. I read the depth, then used the depth in the chart above and added to the findings on the micrometer on the machine. The spacing I personally took a guess, and it worked for me.

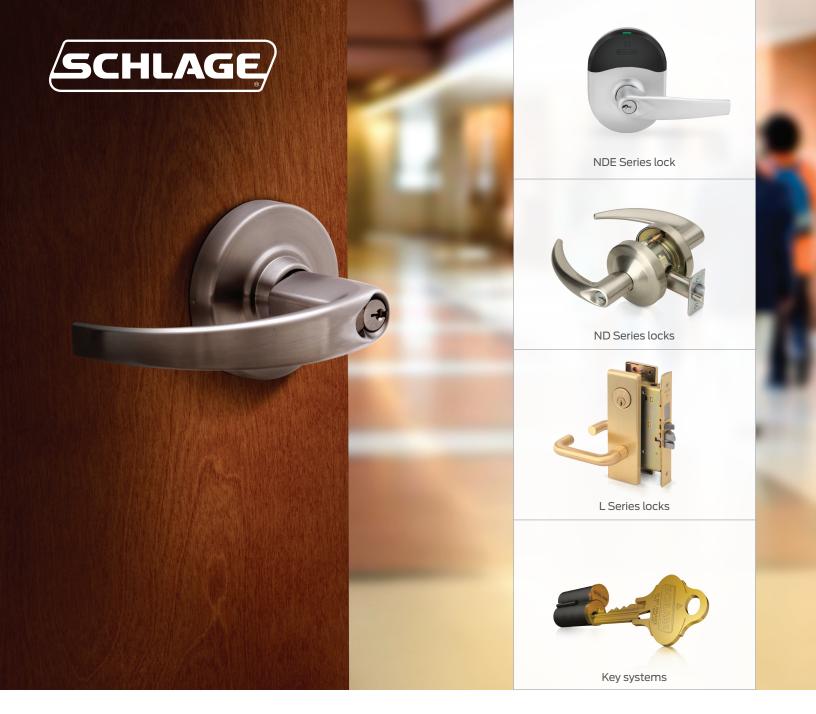
The cutter blade measures .050" thick. The blank width is .320", some blanks are a little wider, thus the need to be filed down to the correct size.

For those locksmiths who have the HPC tool, they could modify this tool to be used on the Pancake Punch Key Lock.

## LOCK PLATE COMPRESSOR FOR TILT AND TELESCOPIC STEERING COLUMNS



A specially designed lockplate compressor for tilt and telescopic columns used on General Motors. Assures an easier access to ignition lock retainer, after steering wheel is removed.



### The key to security starts right here.

Allegion provides innovative and secure key system solutions combined with high quality, heavy duty cylindrical and mortise locks. Our selection of Schlage® ND and L Series locks are complemented by a patented key system designed to provide the highest level of security. Built with dependable performance, Schlage's durable mechanical locks offer a range of features, functions and styles no matter how demanding the application.

Allegion offers an array of products and solutions for a multitude of applications. Visit our website to find out more at allegion.ca

## SECOND NATURE

#### **By Mason Grant**

My wife and I travelled on holiday one year by car down the Eastern Seaboard States. While in Massachusetts, we planned a stopover at a pioneer style village. Upon arrival we headed straight for the Blacksmith shop. As it turned out, the Blacksmith not only forged steel, but was making a beautiful flintlock rifle from scratch. I had one question for him and his answer caused me to step back in amazement.

All the locks on the buildings were hand crafted by him using the nearly lost art of sand casting. He went on to tell me that the village Gunsmith of the time was also the village Locksmith. I spent at least three hours absorbing information from him about forging, tempering and what metal fatigue was all about. We both agreed that" Smithing" is a calling and the public in general pretend to know all about the trade, but upon serious questioning, quite a few holes develop in their stories and applications being one of the primary concerns about their security requirements.

After the first week of my Gunsmith apprenticeship, I told the owner of the company that for the first time in my life it felt like I was supposed to be here. As with Locksmithing, or any other trade, your unconscious awareness will become heightened over time.

When I began working at Chubb, my job was to repair safe deposit box locks. Prior to this I had piles of certain handguns that needed repairing. I had my time down to fifteen minutes each. After two weeks, I was repairing thirty three locks a day. The older technicians told me I was improving, but they also told me I should skip lunch if I wanted to get better. A week later they informed me that I had set a new record at the company (the previous being twenty nine). They said I had gone "Robo" which meant I was a "well oiled machine". The lesson here is repetition is not always a liability. Some jobs will

seem to be like a dog chasing its tail, but when you are sent out on your own to perform a task, you will be well schooled and up to the challenge. Upon leaving the company in 1983, I was told by the manager that if I hadn't had the Gunsmithing experience they wouldn't have originally hired me regardless of my schooling.

Don't ever lose your focus. People need protecting and this should be your number one priority. Don't discuss your client's security with anyone outside of the shop. Winston Churchill once said. "To protect the truth, surround it with lies". I couldn't agree more.

At one time (2000 – 2007) parts for locks were manufactured in the USA and assembled in China. From 2008 on parts were manufactured and assembled in China, South Korea and Taiwan. In most cases, considering our weather extremes, these "offshore" products use inferior parts and don't last too long.

Over the last ten years, I have devoted myself to developing new products and tools to assist Locksmiths in their tasks. Another inventor, Mr. Claude Henry (P.L.S. Security Products) is what I like to think of as a close friend. Sometimes we talk so long about various ideas and inventions that the coffee in the pot disappears right before our eyes before we know it.

My last few words of advice are that you should never take apart anything until you completely understand how it works. Only at that point will it become...SECOND NATURE!

## Your #1 Source for Hardware Solutions.

#### Value, Quality and Selection.

HALSCO's diverse selection of premium hardware solutions are ideal for multiple applications from door hardware, storefront hardware to security hardware. We offer:

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- And so much more!





#### HALSCO Safes: Guaranteed to Give You Peace of Mind

High quality Halsco safes offer an array of B-rated, UL fire rated protection and UL residential security container classifications in accordance with Underwriters Laboratories (uL). Various types of safes are available in many sizes with the option of mechanical or electronic dials.

- Economy Fire Safes
- Burglary and Fire Safes
- Depository Safes
- Under Counter Slot Safes
- In-Floor Safes
- Wall Safes

For more information on HALSCO products, please contact your local distributor.





### **Press Release**

16 November 2016

No. 15/2016

The global leader in door opening solutions

## ASSA ABLOY acquires Construction Specialties in the US and Mexico

ASSA ABLOY has acquired Construction Specialties, a leading direct sales company within commercial sectional doors and docking products in the U.S. and Mexico.

"I am very pleased that Construction Specialties is joining the ASSA ABLOY Group. I welcome this addition that further reinforces the ASSA ABLOY Group's leadership in entrance automation, where our sales have grown from SEK 3 billion in 2008 to SEK 20 billion in 2016", says Johan Molin, President and CEO of ASSA ABLOY.

"Construction Specialties has a strong team of well experienced people and a solid market position. It is another important step for our growth in North America" says Juan Vargues, Executive Vice President of ASSA ABLOY and Head of Division Entrance Systems.

Construction Specialties was established in 1994 and has some 140 employees. The company is headquartered in Brownsville, Texas, but has its main business in Mexico.

Sales for 2016 are expected to reach USD 34 million (approx. SEK 300 million) with a good EBIT margin. The acquisition will be accretive to EPS from start.

#### For more information, please contact:

Johan Molin, President and CEO, tel. no: +46 8 506 485 42 Carolina Dybeck Happe, CFO and Executive Vice President, tel. no: +46 8 506 485 72

#### **About ASSA ABLOY**

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience. Since its formation in 1994, ASSA ABLOY has grown from a regional company into an international group with about 46,000 employees, operations in more than 70 countries and sales of SEK 68 billion. In the fast-growing electromechanical security segment, the Group has a leading position in areas such as access control, identification technology, entrance automation and hotel security.





## What you need... When you need it.

- Our team has 100+ years of industry experience.
- Top-of-the-line products from leading brands such as Shanahan's, HALSCO & ABUS.
- Distributors of Assa Abloy, Allegion, Kaba Ilco, Entrematic & Camden products.
- Excellent customer service for all your needs.
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For more information about available products, please contact Hardware Agencies.

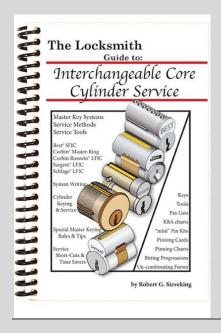
Tel: 905-676-1975 | Toll Free: 1-800-268-6741 | Fax: 905-676-1924 Email: sales@hardwareagencies.com | www.hardwareagencies.com

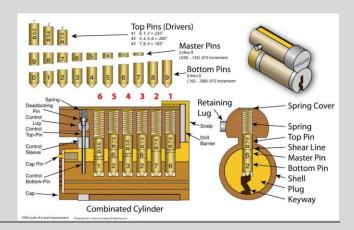
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#### The Locksmith Guide to: Interchangeable Core Cylinder Service

This book is a complete "How-To" guide to servicing SFIC and LFIC Interchangeable Core Cylinders. It covers Best™ style SFIC cylinders and LFIC cylinders by

Corbin-Russwin, Sargent and Schlage. A complete section on the Corbin Master-Ring cylinder begins the training. The Corbin Master-Ring cylinder

is the father of all two shear-line cylinders. The text explains the cylinder construction, pinning sequences, and Master Key System Development.

More than a simple instruction, it explains the "reasons" behind all of the keying rules and guidelines. If you are writing

master key systems or simply maintaining these cylinders, you will find information here that will help you understand the limits of the cylinders

and the simplest methods for maintaining them.

Chapters begin with "Learning Objectives and ends with "Study Questions," which lead the reader to a more complete mastery of the material covered.

The "Scan & Print" section at the end of the book provides blank copies of all the combinating and keying forms found in the text.

This allows the locksmith to easily apply the material covered, on any job or system.

The "Pinning Matrix" form can be used on any system, to completely eliminate the need to "figure out" individual "Pin Stacks," when combinating any I/C core.

This is an easy to understand "practical guide," written for the "working locksmith." (284 pages, 241 Illustrations,  $5\ 1/2\ x\ 8\ 1/2\ spiral\ bound)$ 

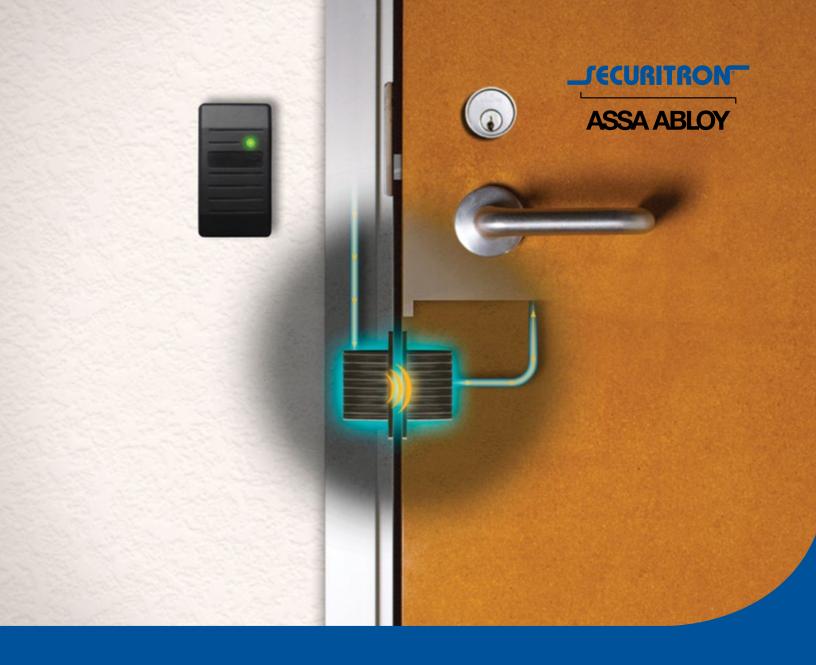
At present, we have not released this book to locksmith distribution.

The book may be ordered from: Sieveking Products Company, by calling 815-874-4030. (Tell Jane you are an ILOC member.)

Immediate shipment is guaranteed. (USPS Priority Mail)

Pages of the text may be viewed at: < http://www.sievekingprodco.com/>

Email the author at: < < Bob@sievekingprodco.com >





CLICK ON THE IMAGE ABOVE TO VIEW VIDEO [must be connected to the internet]

## PowerJump<sup>™</sup> ICPT

**Inductive Coupling Power Transfer** 

Securitron uses its expertise in electro-magnetic solutions to deliver power in a whole new way.

The PowerJump uses inductive coupling to send energy wirelessly across the door gap to power electrified locks and latches. Retrofitting electrified locks into existing openings just became easier — no core drilling the door.

**The PowerJump protects your power pathway** by making it invisible, eliminating wires across the gap that are vulnerable to vandalism or breakage.

## PowerJump<sup>™</sup> ICPT

**Inductive Coupling Power Transfer** 



#### **Specifications:**

UL 10C fire-rated: 3 hour

CAN4-S101(ULC-S104) fire door conformant

ANSI A250.13-2003 windstorm listed

FCC Part 15 and Industry Canada Compliant

#### **Endurance:**

2,000,000 cycles

#### **Operating Temperature:**

-40 to +120 F (-40 to 49 C)

#### **Electrical:**

Input Power (Frame Side): Max 500mA @ 24VDC

Output Power (Door Side):

500mA @ 12VDC 250mA @ 24VDC

#### **Dimensions:**

**Send Unit (Frame Side):** H 2.75" x W 1.25" x D 1.32"

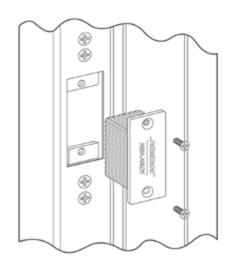
Receive Unit (Door Side): H 2.75" x W 1.25" x D 1.75"

- No moving parts
- No more broken wires
- >> No need to core drill the door

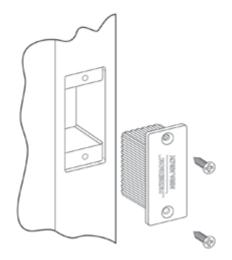
#### **PRODUCT FEATURES**

- Transfers power wirelessly across door gaps of up to 3/16"
- Use with electrified locks, latches or other door hardware requiring up to 6 watts (500mA @ 12VDC) of power\*
- Flexible mounting: can be installed on hinge side, latch side or top of frame
- Dual voltage output 12VDC or 24VDC field selectable
- · Continuous or intermittent duty
- · For fail secure devices
- · Patents: #8,294,302
- · Patents Pending

\*PowerJump does not transfer latchbolt monitoring, REX or data signals







Wood Door











AVAILABLE THROUGH



Joe Camara Burke Gerhardt Paul Carvalho Michael Goldberg Kevin Silva

## **Membership Classes** and Definitions

#### a) ACTIVE -

an individual who is gainfully employed in the Institutional and In-House aspect of the locksmith and security industry for a minimum of (2) years. An Active member is eligible to hold office and has the right to vote.

#### b) APPRENTICE -

an individual who meets all the requirements of an Active member except for the minimum (2) years of service. An Apprentice member is not eligible to hold office, but has the right to vote.

#### c) STUDENT -

an individual who is actively participating in locksmith training courses, but is not currently employed as a locksmith. A Student member is not eligible to hold office and does not have the right to vote.

#### d) ASSOCIATE -

an individual who is gainfully employed by a distributor, manufacturer, or any other company engaged in the sales and/or service of locksmith and security products. An Associate member is eligible to hold office and has the right to vote.

#### e) CORPORATE -

a company engaged in producing lock and security hardware and accessories to the locksmithing and security industry. A Corporate member cannot hold office and is not eligible to vote. Also includes a company link on the ILOC website.

#### f) CORPORATE SILVER -

same as Corporate designation, with the additional right to place a half page colour advertisement in the ILOC magazine as well as a company link on the ILOC website.

#### g) CORPORATE GOLD -

same as Corporate designation, with the additional right to place a full-page advertisement in the ILOC magazine as well as a company link on the ILOC website.

#### h) GROUP -

Institution or Company which employs staff (designation covers up to 7) to carry out repairs or other work on locks and/or locking and door hardware. Examples are Universities, Hospitals, School Boards or large Locksmith and Security Companies working in the Institutional side of the industry. The employees would each be required to join ILOC themselves in order to be members in good standing. Groups (and staff included in such) are not eligible to vote or hold office.

#### **MEMBERSHIP APPLICATION**



Welcome to ILOC (Institutional Locksmiths Organization of Canada), a national trade organization designed specifically for persons involved in the Institutional and In-House aspects of the Locksmithing and Security Industry.

To apply for membership, please complete this application and submit it with the dues payable for the current year along with any business card, company letterhead or other suitable proof of employment.

All of the following questions must be answered before this application can be processed. Please type or print.

#### **Applicant Information**

Return by fax:

(416) 398-4514

Surname	First N	ame	Initial	
Company Name				
Address		City	Province	
Postal Code	Workplace Phone	÷#	Workplace Fax #	
E-Mail Address		Website		
Professional Infor	mation			
Are you currently employed	in the Institutional and In-House asp	pect of Locksmithing and S	ecurity Industry related trades? YES NO	
How long have you been inv	volved in Locksmithing?			
ILOC Sponsor's name and r	membership # (not required)			
Name and phone numbers	of two industry related references			
	_			
Have you ever been convict	ted of a crime? YES NO			
Classification of M	lembership (Rates are pe	er annum. Please	circle one)	
Active \$70	Apprentice \$70	Student \$60	Associate \$70	
Corporate \$175	Corporate Silver \$300	Group \$400	Corporate Gold \$500	
Method of Paymer	Master		Visa Cash smiths Organization of Canada)	
Card Number		Expiration Date		
Name as it appears on car	rd.			
Name as it appears on ear	u			
Cardholder's Signature				
	nat in the course of reviewing this appornitted and do a background check.	plication, ILOC may review	publicly available information for the sole purpose of	
	are true and, if accepted as a member Ethics of ILOC as my own, and to ad		rules, regulations, and by-laws of ILOC, and further ability.	
Applicant's Signature		Date		
Return by mail to:	ILOC (Institutional Lock 51 Artreeva Drive Downsview, Ontario Canada M3H 4T9	smiths Organization	ı of Canada)	

#### **ASSA ABLOY**

### **Press Release**

1 December 2016

No. 16/2016

The global leader in door opening solutions

#### ASSA ABLOY acquires Bluvision in the US

ASSA ABLOY has acquired Bluvision, a leading US Bluetooth Low Energy ("BLE") provider in the enterprise Internet of Things (IoT) market.

"Bluvision is an exciting technological addition to the ASSA ABLOY Group. The company reinforces our current offering within identification technologies. The acquisition of Bluvision considerably enhances the Group's position within the enterprise IoT market and will provide complementary growth opportunities," says Johan Molin, President and CEO of ASSA ABLOY.

"Bluvision will expand HID's offerings with BLE products and help us further differentiate from the competition," says Stefan Widing, Executive Vice President ASSA ABLOY and Head of business unit HID Global. "We are extending our lead in BLE-based IoT solutions that we created when we launched our Mobile Access solution two years ago. With our combined solutions and technologies, our customers' ability to manage assets and people within buildings will increase significantly."

Bluvision was founded in 2014 and has some 21 employees. The company is headquartered in Fort Lauderdale, Florida.

Sales in the next year are expected to reach USD 18 million (approx. SEK 160 million) with a good EBIT margin. The acquisition will be neutral to EPS from start.

#### For more information, please contact:

Johan Molin, President and CEO, tel. no: +46 8 506 485 42 Carolina Dybeck Happe, CFO and Executive Vice President, tel. no: +46 8 506 485 72

#### **About ASSA ABLOY**

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience. Since its formation in 1994, ASSA ABLOY has grown from a regional company into an international group with about 46,000 employees, operations in more than 70 countries and sales of SEK 68 billion. In the fast-growing electromechanical security segment, the Group has a leading position in areas such as access control, identification technology, entrance automation and hotel security.

## STANLEY. Security

# BUILD BETTER SOLUTIONS WITH CANADA'S BEST ACCESS CONTROL BRANDS



STANLEY Security is a global provider of mechanical and electronic locks, patented keying systems, door closers, exit devices, hinges and other door hardware. With leading brands such as BEST locks, PRECISION exit devices, and STANLEY Commercial Hardware now available through authorized distributors. From engineering and development, to product delivery and quality, STANLEY Security is constantly moving forward with innovative solutions you can depend on.





STANLEY.

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Please support our members who recognize the value and importance of ILOC and support us in creating a better Institutional and In-House Locksmith and Security Industry.

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#### Jason Belanger CPS, CRL

Gamble Lock Door & Safe 3 - 1100A Davis Drive Newmarket, ON www.gamblelock.com

#### Joseph Camara

Edwards Builders Hardware 4988 Dundas Street West Islington, ON www.edwardsbuildershardware.com

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British Columbia 106 - 1350 Jacombs Road Richmond, BC 604-279-2524 www.canaropa.com

#### **DB** Imports

2255B Queen Street E. Unit 121 Toronto, ON email: dbimports@rogers.com

#### Edwards Builders Hardware

4988 Dundas Sreet West Islington, ON www.edwardsbuildershardware.com

#### Gamble Lock Door & Safe

3 - 1100A Davis Drive Newmarket, ON www.gamblelock.com

#### **Hardware Agencies**

Head Office - Toronto 6520 Northam Drive Mississauga, ON www.hardwareagencies.com

#### **Hardware Agencies**

Toronto Branch 349 Carlaw Ave. Suite 100 Toronto, ON www.hardwareagencies.com

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Toronto Branch 70 Floral Parkway Toronto, ON www.idncanada.ca

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#### Warren Jones

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#### **Doug King**

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#### Gary Mayzel

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1446 Don Mills Road Suite 110 North York, ON www.paisleymanor.com

#### **Stanley Security**

2495 Meadowpine Blvd. Mississauga, ON www.stanleysecurity.com A big thank you to ALL our corporate members. You stand with us and we are happy to support you as well.

www.edwardsbuildershardware.com New corporate members are always welcome and accepted throughout the year!



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### **Laminated 41 Series**

ABUS proudly offers its 41 Series Laminated Padlocks. These padlocks provide ideal solutions for securing job boxes and locking out machines, along with a variety of other industrial and safety applications.

#### **Features & Benefits**

- Hardened steel shackle and body plates are individually coated with ETERNA™ plating for rust protection
- · High-precision 5-pin tumbler
- · Coloured vinyl bumper for easy identification (8 colours)
- · Made from high-quality recycled steel
- · FDA-approved lubricant ideal for the food industry
- Meets OSHA lockout/tagout guidelines
- · Available keyed-different, keyed-alike or master-keyed

