

ACCESS²

CI/SfB

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SECURE ACCESSIBLE



TIGRIS®

Tigris® - the UK's most popular cylinder system

This brochure guides you through all the important decisions to make when specifying & selecting a Tigris® Cylinder system.

The Tigris® range allows you to cover every set of security, safety, accessibility & aesthetic requirements needed from a masterkeyed system.

As important as comprehensive functionality & product performance is to select a brand that provides a service that won't let you down.

It is the combination of product performance & outstanding service that makes Tigris® the UK's most popular choice for masterkey systems. Listed below are just a few of the recent projects that selected Tigris®:



Royal Bank of Scotland
World Headquarters,
Gogarburn, Edinburgh,
Scotland

Defence & Security

Project	Location	No. of Cylinders
US Military Base	Middle East	6000+
British Royal Navy Vessels	England	2200+
British Royal Navy Vessels	England	3000+
British Army Barracks (x3)	England	4700+
Military Hospital	Saudi Arabia	1000+
Police HQ (x3)	England	300+
Police Stations (x20)	England	1000+

Hospitals & Health Centres

Project	Location	No. of Cylinders
Nuffield Hospitals (x 2)	England	450+
Broadgreen Hospital	England	800+
Tullamore Hospital	Ireland	900+
Belfast City Hospital	Ireland	450+
Kings College Hospital	England	220+
Cork Maternity Hospital	Ireland	400+
Nelson Health Centre	England	200+
Darwen Health Centre	England	250+
Burnley Health Centre	England	600+

Leisure & Hospitality

Project	Location	No. of Cylinders
BBC	Scotland	450+
Falkirk FC	Scotland	150+
Leyton Orient FC	England	50+
Harlequins RFC	England	150+
Hotels		
Village, Belfry, Radisson		
Swallow, Bewleys, Ramada,	Various	1000+
Holiday Inn		

Universities & Education

Project	Location	No. of Cylinders
Various Schools (x500+)	Various	30,000+
Cambridge College	England	850+
Wolverhampton College	England	150+
Matthew Boulton College	England	500+
Najran College	Saudi Arabia	650+
St. Martins College	England	900+
Queen Margaret University	Scotland	1300+
Sunderland University	England	250+
Brunel University	England	2300+
King Saud University Al-Qassim	Saudi Arabia	3100+
University of Leeds	England	600+
Queen Mary University London	England	2200+
University of St. Andrews	Scotland	300+

Financial

Project	Location	No. of Cylinders
Large Bank HQ	Hong Kong	300+
Royal Bank of Scotland HQ	Scotland	600+
National Building Society HQ	England	300+

Retail

Project	Location	No. of Cylinders
M&S, Matalan, Dixons, Lidl, Sainsburys, House of Fraser		
ILVA, Homebase, Waitrose,	UK	1000+

Other

Project	Location	No. of Cylinders
Sage Software HQ	England	350+

Secure and Accessible, One Solution

1

Traditionally, cylinder systems have been selected on how secure the system should be and if the system will cater for masterkeying needs both now and in the future.

The introduction of legislation and other design codes adds further critical needs such as 'how accessible is this system, how easy is it to operate and does it assist in meeting the fundamental duties under The Disability Discrimination Act (DDA)?'

*Tigris® offers, through simple yet effective design, a solution that meets today's requirements of being both **secure** and **accessible**.*



The Secure Accessible range of cylinder systems is only one of many accessible hardware solutions available from Tigris®. Please request our other accessible brochures for further details.

Selecting the correct cylinder system



The Tigris® cylinder system offers four cylinder levels;

- Tigris®
- Tigris® Plus
- Tigris® Premier
- Tigris® Omega

When selecting the cylinder system most appropriate for an application the following factors must be considered:

- How secure should the system be?
- How accessible should the system be?
- How large and how complex should the masterkey system be?
- What kind of cylinders are needed in the system?
- How convenient should key duplicating be?
- What functions are required from the cylinder system?

Concise comparisons are given in the fold-out 'product selector guide' at the back of this brochure. Detailed comparisons of each of the important aspects are set out as follows:

How secure should the system be?

There are three main aspects of security for cylinders:

Physical Security, Key Control & Patent Protection.

- **Physical Security:** The number of pins, the use of drill protected cylinder bodies and plugs and the use of anti-pick pins all enhance the security of the cylinder. BSEN 1303: 2005 is the European standard for cylinder locks and grades all cylinders in many aspects. These include 'Key related security' and 'Attack resistance'. Tigris® makes the highest grades in the standard and further details can be seen on page 11 of this brochure.
- **Key Control:** Systems that rely on copyright protection can no longer be legally protected from others manufacturing and selling 'pirate' keyblanks. Only cylinder systems that offer Patent protection for their keys can truly legally protect against illegal keyblank duplication.
- **Premier Patent:** The Patented Tigris® Premier system operates much like a conventional 6 pin cylinder, with the exception that one of the pins has a unique patented 'pip' at the tip. To operate correctly there must be a corresponding cavity in the underside of the key profile. A key which does not have the correct cavity will not depress the special 'pip' pin to the correct position and the cylinder will fail to operate.

Premier systems are patent protected up to 2013



Premier patented 'Pip' pin



Omega patented 'Reef' pin

- **Omega Patent:** The Patented Tigris® Omega system operates much like the Premier cylinder, with the exception that the patented 'pip' at the tip is replaced by a patented 'Reef™' pin. To operate correctly there must be a corresponding 'Reef-Line Signature' in the underside of the key profile. A key which does not have the correct Signature will not depress the special 'Reef™' pin to the correct position and the cylinder will fail to operate.

Omega systems are patent protected up to 2020

The Laws



Disability Discrimination Act (DDA):1995

This act aims to end the discrimination that many disabled people face. It gives disabled people rights in the areas of:

- Employment
- Education
- Access to goods, facilities and services
- Buying or renting land or property

Disability Discrimination Act (DDA):2005

New obligations introduced in the 2005 revision of the act include:

- Ensuring that discrimination law covers all the activities of the public sector
- Requiring public bodies to promote equality of opportunity for disabled people
- Making it easier for disabled people to rent property and for tenants to make disability-related adaptations
- Making sure that private clubs with 25 or more members cannot keep disabled people out, just because they have a disability
- Extending protection to cover people who have HIV, cancer and multiple sclerosis from the moment they are diagnosed

Some of these obligations became effective in 2005 yet all were effective by December 2006.

Further information on the act is available from www.direct.gov.uk

The Standards

BS8300:2001 Design of buildings and their approaches to meet the needs of disabled people - code of practice

This guide provides further assistance in the specification of hardware for those with special needs. Extracts that are particularly relevant when selecting locking cylinders are:

- A** • "Wherever possible, door opening furniture with lever action should be used as door furniture with a spherical, circular or similar design is difficult to use by people with, for instance, arthritis or a weak grip."
- B** • "Consideration should be given to the provision of a larger keybow on lever and cylinder keys to give users greater control. Alternatively, a hand-grippable keyfob can be added to a standard keybow, to aid manipulation of the key."

Further information is available from www.bsonline.bsi-global.com (search '8300')

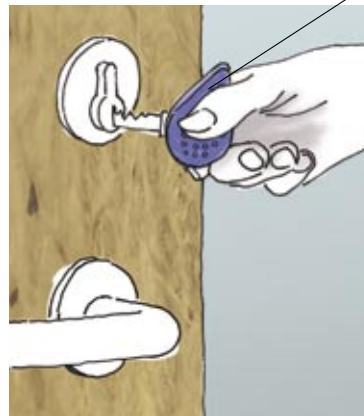
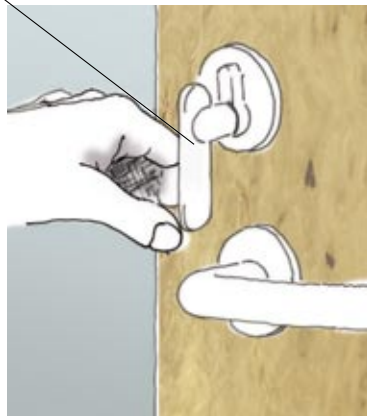
Tigris® Accessible Solutions are designed to meet the needs of BS8300:2001 and contribute to satisfying the requirements of the **Disability Discrimination Act (DDA)**.

The Solutions

A Large Accessible thumbturn facilitates easier operation ensuring:

- No need to grip
- No need to rotate the wrist
- Improved leverage and reduces force needed by at least 70%* (standard turn) and 50%* (mini turn)

* when compared with a conventional spherical turn



B Accessible key bow improves handling and provides:

- Improved leverage and reduces force needed by 60%*
- Increased surface area of 280%*

* when compared with a typical key bow of 24mm diameter

Tigris® offers other accessible hardware solutions. Please request our **Accessible Locking** brochure for further details.

How large & how complex should the system be?

- **Six Pin as Standard:** The Tigris® family of cylinders all utilise six pins as standard. This not only enhances security it also provides as much as 300% more capacity in the size and complexity of a masterkey system when compared against 5 pin cylinders.
- **Multi Profile:** The use of multiple key profiles within the masterkey system offers a significant increase in the capacity of the system. The more profiles that are available larger and more complex systems can be accommodated.



What kind of cylinders are needed in the system?



A large range of cylinder types are available within the Tigris® system. In addition to the variation in cylinder types, a comprehensive range of euro profile and oval profile cylinder lengths are also available to suit a wide range of door and hardware thicknesses.

How convenient should key duplicating be?



- **Secure or convenient:** There is a balance to be made between the convenience of obtaining additional keys cut locally which, whilst being convenient, is not secure. For a secure system it is recommended that cut keys are only available from the manufacturer against an appropriate letter of authority.

What functions are required in the system?

5



Clutch Cylinder

We have developed a cylinder where the key, when entered, disengages the thumbturn by use of a clutch mechanism. This will allow the door to be unlocked even if the thumbturn is being held in the locked position from the inside.

The security and safety implications make the use of the clutch cylinder ideal for situations such as schools, secure institutions or any other area where a non keyholder may take advantage of controlling the door by holding the thumbturn in the locked position to prevent the door being unlocked.

- Prevents control of the door from inside by holding the turn in the locked position

Classroom Function Cylinder

We have further developed the clutch cylinder (as above) where the turn can only unlock the door.

- Features are identical to the clutch cylinder with the addition that the turn can only unlock the door



Construction Keying

Maintaining security during the construction process of a building often requires the locks and cylinders to be installed at an early stage. This can lead to security being compromised on completion with keys unreturned from the contractor.

We have developed a construction cylinder which will allow the contractor full access during the construction period. A mechanism inside the cylinders is activated by the first insertion and rotation of the masterkeys which are issued at 'hand-over'. The construction keys are automatically negated from the system.

- Allows the contractors full access during the construction period
- Un-returned contractors keys do not compromise security beyond 'hand-over'.



Finishes



Co-ordinated Finishes

- All Tigris® cylinders are available in satin chrome and polished brass finishes
- Tigris® Plus, Premier and Omega are also available in polished chrome and bronze (BMA) finishes

Specify **SC** - **Satin Chrome**
 PB - **Polished Brass**
 PC - **Polished Chrome**
 BMA* - **Bronze**

* Please note that cylinder plugs are supplied in satin brass finish

Turn options & key fobs

Our Accessible solutions conform fully to BS8300:2001 and therefore contributes to satisfying the requirements of the Disability Discrimination Act. See page 3 for further information.



Elliptical turn

Supplied as standard on all Tigris® single and turn cylinders

- The smooth pebble-like design is comfortable to operate and is compatible with most contemporary hardware ranges



Architectural oval turn

Designed specifically for use with highly aesthetic hardware ranges

- Does not compete visually with the other door hardware



Traditional oval turn

Designed specifically for use with highly aesthetic hardware ranges

- Does not compete visually with the other door hardware



Hewi coloured nylon turn

Designed specifically for use with Hewi coloured nylon hardware ranges. A vast and comprehensive range of colours is available.



Anti-ligature

Conventional door hardware provides a suitable means of attaching a ligature of some description for the purpose of self harm.

We have developed a thumbturn which, when used in conjunction with a suitable anti-ligature escutcheon, avoids any projections which can be used to attach a ligature.

- Ideal for applications where the avoidance of self harm is a design consideration, such as care homes, psychiatric and custodial institutions.
- Prevents the application of a noose when used in conjunction with a suitable range of Anti-Ligature door furniture.



Accessible thumbturn

Almost without exception single and turn cylinders, when used in applications where individuals with special needs will operate the door, the thumbturn is simply made larger with little consideration for those that may have difficulty applying a grip or twisting the wrist. We have developed a thumbturn for our cylinder ranges which remains compact but operates with a lever action and does not therefore require a grip or twisting of the wrist to operate the turn.



For applications where the lock being used will not permit the use of the full Accessible Thumbturn we provide a Mini Accessible turn. The leverage it provides is considerably more than a conventional thumbturn and, as with the full size version, removes the necessity to twist the wrist to operate.



The benefits of leverage Tigris® Accessible	Typical Force Reduction
Standard accessible turn	70%
Mini accessible turn	50%
Accessible key bow	60%

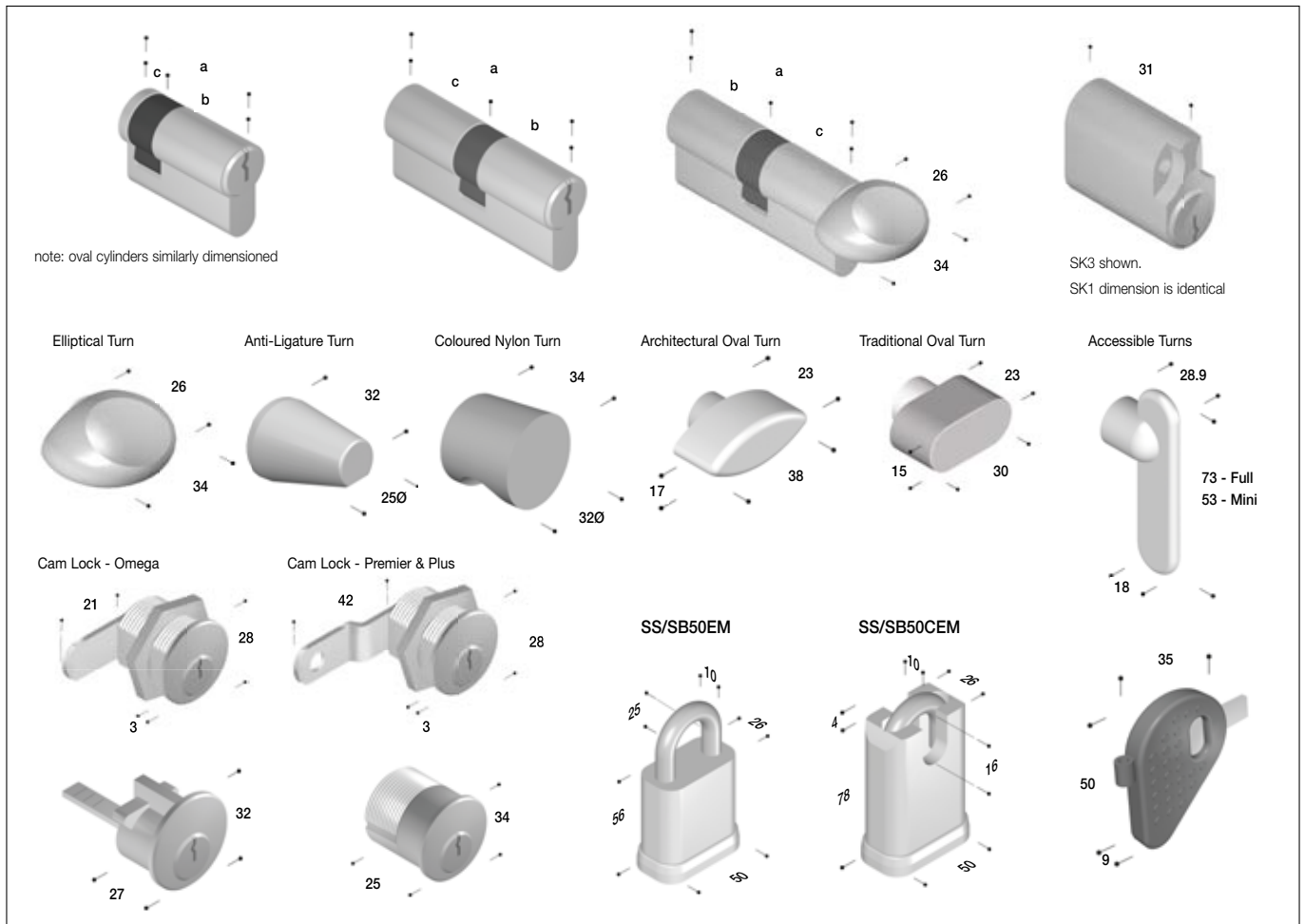
The force reductions quoted are an average, when compared with typical non-accessible products.



Accessible Key Bows

Designed specifically for to meet the requirement for improved grip and leverage for key bows as stipulated in BS 8300:2001





Selecting the correct cylinder length

It is important to specify the correct cylinder length, not only visually, but by making sure the cylinder does not project too far from the escutcheon or plate. This makes it less vulnerable to attack.

Three factors should be considered:

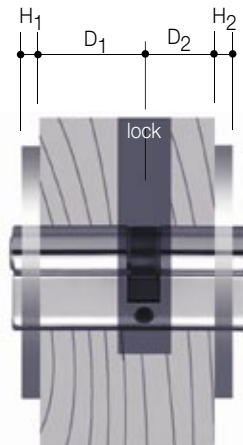
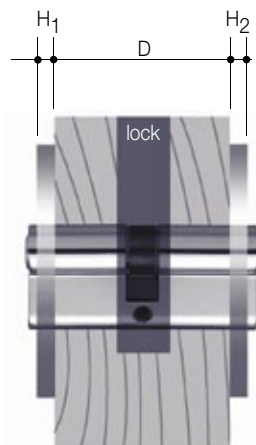
- Thickness of the door
- Thickness of the hardware
- The position of the lock within the door

For centred locks

Simply calculate the overall length of cylinder:

$$\text{Cyl. Length} = D + H_1 + H_2$$

Select the 'next size up' from the list of cylinder sizes in the product selector.



For Offset Locks

With the lock offcentre in the door each side of the cylinder has to be calculated separately:

$$\text{Cyl. length} = (D_1 + H_1) + (D_2 + H_2)$$

Select the nearest combination up from the list of cylinder sizes.

Note: Please ensure that when specifying a single & turn cylinder that you make clear which side the turn is to be fitted by adding a 'T' after the size e.g. EK3540T

BS EN 1303 Cylinders for Locks

BS EN 1303 classifies cylinders for locks using an 8 digit coding system. Features assessed include durability, fire resistance, key related security and attack resistance. Where the Tigris® cylinder meets the highest Grade available it is marked with this icon.







		Criteria	Grades Available			
Category of Use		Linked to the frequency of use. 1 Grade only is identified	Grades 1 shall resist a torque of 2.5Nm and still be useable			
Durability		Durability testing according to test cycles achieved. 3 Grades are identified	Grade 4 - 25,000 cycles, Grade 5 - 50,000 cycles Grade 6 - 100,000 cycles			
Door Mass & Closing Force		No Requirement	N/A			
Fire Resistance		Suitability for use on fire/smoke doors according to fire testing to BS EN 1634-1	Grade 0 not approved for fire doors, Grade 1 is suitable for use on fire doors			
Safety		No requirement	N/A			
Corrosion		Corrosion and temperature resistance testing to BS EN 1670	Grades 0 to C where C offers the greatest corrosion resistance within -20°C to +80°C			
Key Related Security		Measures key related security	Grades 1 to 6 where grade 6 offers the greatest security			
Attack Resistance		Measures attack resistance	Grade 0, 1 or 2, where Grade 2 offers the greatest attack resistance*			

* only when used with a suitable security escutcheon

Product selector - quick reference guide

This guide consists of three pages. If you are reading our published catalogue then please fold out the sections. If you have obtained this document electronically it is advisable to print out pages 8 - 10 so they can be viewed alongside each other.

Stage 1 - Select the System required

	Where Cost is paramount	Local key cutting availability	Patented key control	For simple Masterkey systems up to 1200 differs under MK*	For larger Masterkey systems up to 4000 differs under MK*	For complex Masterkey systems up to 12000 differs under MK*	Restricted range of cylinder sizes is acceptable	Comprehensive range of cylinder sizes required	Finishes in Satin Nickel and Polished brass only	Finishes in Polished Chrome and Bronze (BMA)	Advanced Functions required (e.g. Classroom function)		No. of pins	Patented pin for additional security	Patented protection of keyblank	Patent protection up to	Drill protection in body & plug	Anti-pick protection	Keyblanks available	Keys cut only by manufacturer	Multi key profile for large systems	No. of differ capacity illustration under simple masterkey	Key material	Satin chrome & polished brass finishes	Polished chrome & BMA (Bronze) finishes	Additional functions - Classroom/Clutch/Construction keying	Range of alternative thumbturns	
	●	●	-	●	-	-	●	-	●	-	-		6	-	-	N/A	-	●	●	-	-	1200+*	nickel on brass	●	-	-	●	
	●	●	-	●	-	-	-	●	●	●	●		6	-	-	N/A	●	●	●	-	-	1200+*	brass	●	●	●	●	
	-	-	●	●	●	-	-	●	●	●	●		6	●	●	2013	●	●	-	●	yes (10)	4000+*	nickel silver	●	●	●	●	
	-	-	●	●	●	●	-	●	●	●	●		6	●	●	2020	●	●	-	●	yes (12)	12000+*	nickel silver	●	●	●	●	

Example Specification - **Premier EK3535/CLUTCH/SNT MINI/PC**

To select a Tigris® cylinder

- Stage 1**
- Chose the cylinder level required using the features shown in the shaded columns i.e. select Tigris®, Tigris® Plus, Tigris® Premier or Tigris® Omega.
 - Further technical detail is provided in the unshaded boxes above to assist this decision if required.
Example: **Premier**
- Stage 2**
- Follow the line across in this pull out section to select the size of cylinder and cylinder type and note the reference i.e. EK3535T
 - Further length selection assistance is provided at the bottom of page 7.
Example: **EK3535T** (euro profile single & turn cylinder 70mm (35/35))
- Stage 3**
- Select additional functions required (details provided earlier in this catalogue)
Example: **CLUTCH** function
- Stage 4**
- Select alternative thumbturns and or accessible keybows (details provided earlier in this catalogue)
Example: **SNT MINI**
- Stage 5**
- Select finish (details provided earlier in this catalogue)
Example: **PC** (Polished Chrome)

Example Summary

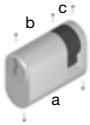
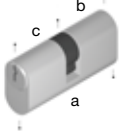
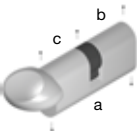
Stage 1
Premier

Stage 2
EK3535T

Stage 3
CLUTCH

Stage 4
SNT MINI

Stage 5
PC

3 - Additional functions										4 - Alternative thumbturns & additional key bows										5 - Finish																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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For full details of all Access² Accessible
Solutions please contact our sales office for
further brochures

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Authorisation Solutions



Features – Tigris



	TIGRIS™	TIGRIS™ Plus	TIGRIS™ Premier
Pins	6	6	6
Patented Key	No	No	Yes
Drill Protected	No	Yes	Yes
Anti Pick Pins	Yes	Yes	Yes
Keyblanks Available	Yes	Yes	No
Oval, Euro, Rim, Rim M	Yes	Yes	Yes
Camlocks	No	Yes	Yes
Pol Chrome / BMA	No	Yes	Yes
3030 or 40	No	Yes	Yes
Special Needs Turn	Yes	Yes	Yes
Clutch / Classroom	No	Yes	Yes

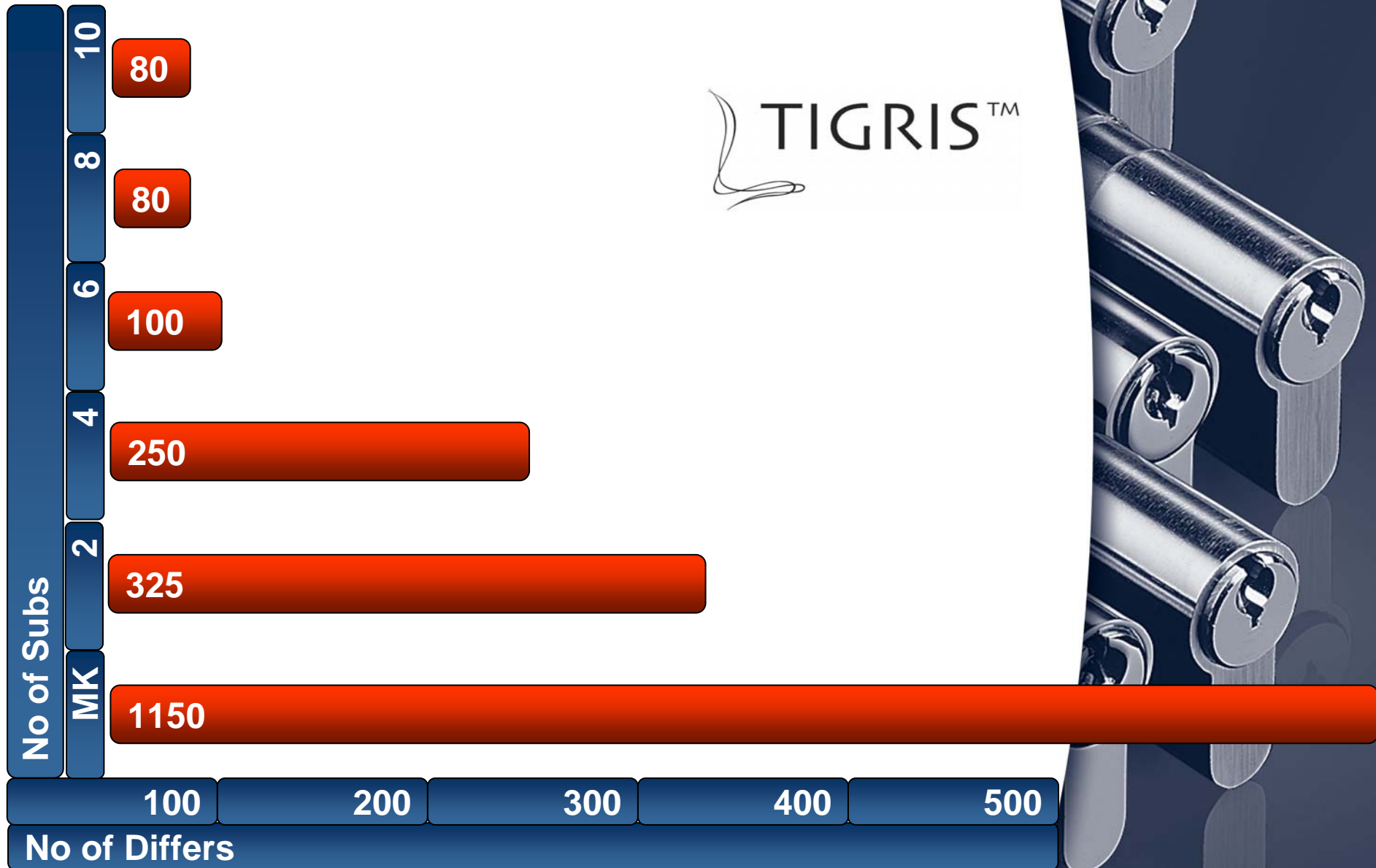


Masterkeying Capability

- Capability charts
 - Show 'safe' capability as a guide
 - Further expansion is possible
 - Contact A² if your needs are not met

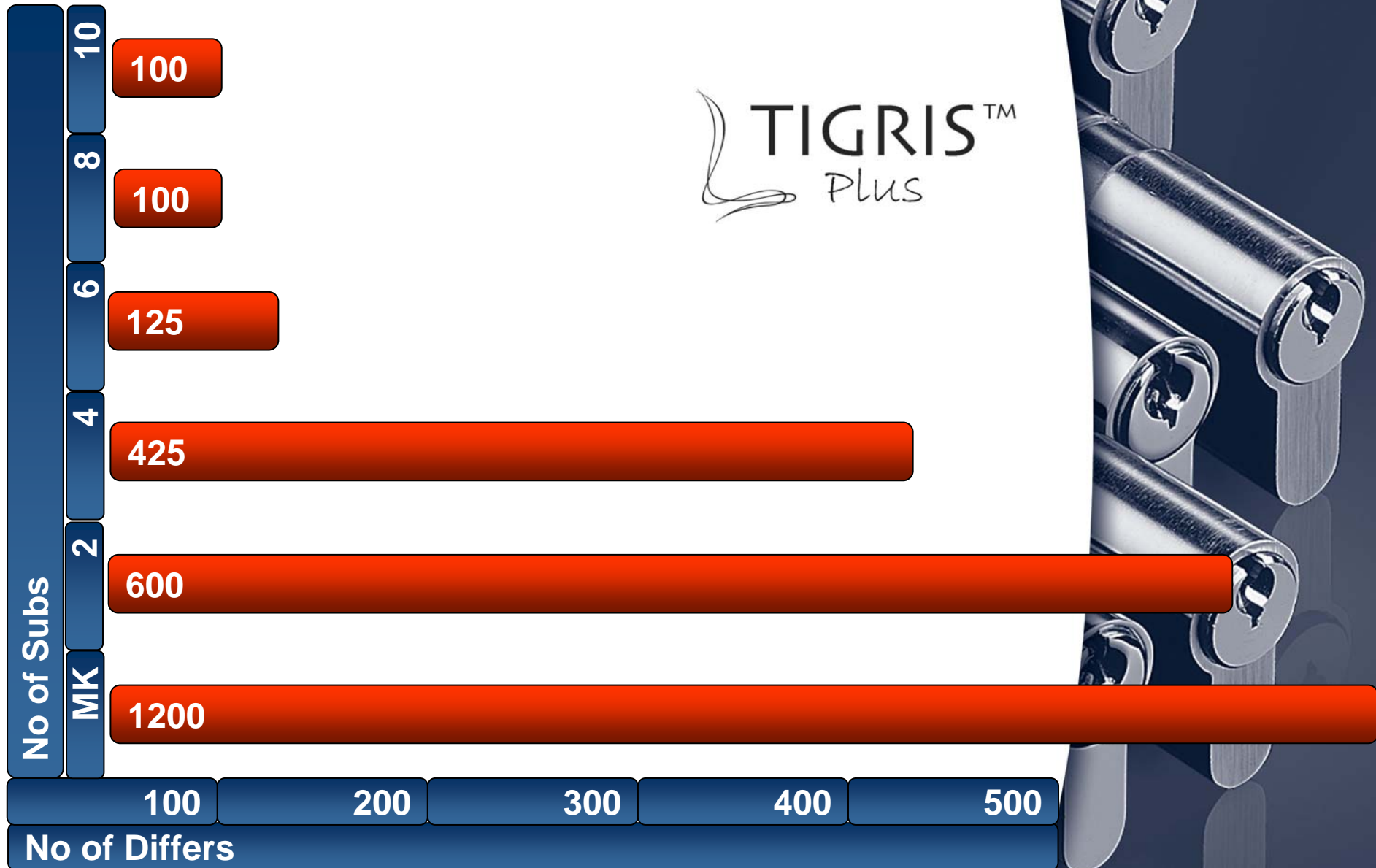


Masterkeying Capability Guide

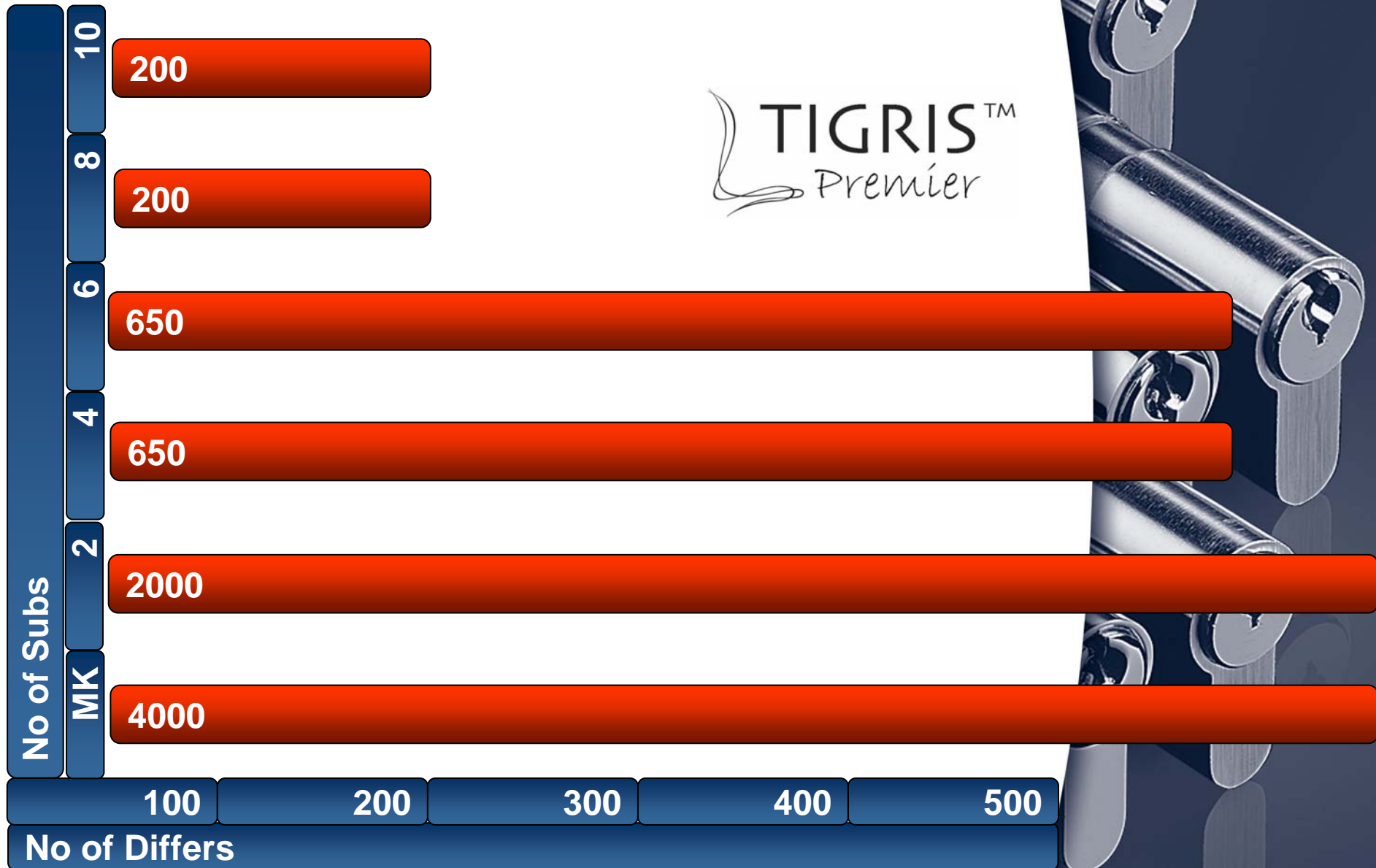


Masterkeying Capability Guide

 **TIGRIS™**
Plus



Masterkeying Capability Guide



ACCESS²

Authorisation Solutions





Warranty, Tigris Premier Cylinders

To be valid, the project specific details should be completed and authorised at the time that cylinders are ordered.

- Tigris Premier cylinders have been successfully tested to the highest grade of durability, Grade 6 of the CEN standard; BSEN1303 1998.
 - *The durability test criteria for grade 6 includes cycle testing of 100,000 operations.*
- The product is guaranteed for a period of 15 years subject to the following conditions:
 1. The Company warrants that the Goods shall be manufactured and supplied in accordance with any description contained in the Company's specifications (subject to 6 below) and warrants them against defects in design materials and workmanship which become apparent and are notified in writing by the Buyer to the Company within Fifteen Years from the date of manufacture. The following exceptions apply:
 - a. Failure due to 'wear and tear' beyond 12 months of the date of manufacture.
 - b. Deterioration of finish from six months of the date of manufacture.
 2. The Company's obligation under this warranty is limited to repairing or (at its option) replacing any Goods (or parts thereof).
 3. Following notification of any defect the Buyer shall allow the Company all necessary access and other reasonable facilities and all information, particulars and assistance required to enable the Company to ascertain or certify the nature and cause of the defect and to carry out its warranty obligations.
 4. The above warranty shall not apply to any defect caused (in whole or in part) by any unauthorised alteration or addition to the Goods, or by use or storage of the Goods in a manner contrary to any written instructions issued by the Company, or for purposes for which the Goods were not designed, or by faulty installation maintenance or repair whether by the Buyer or by any third party.
 5. When any defective Goods are replaced, the provisions of this Condition shall apply to the replacement goods for the unexpired balance of the original Warranty Period.
 6. Nothing in this Condition shall prevent the Company from making for a valid reason any changes in the specification of the Goods which are required to comply with any applicable safety or statutory requirements or which do not materially affect the quality or fitness for purpose of the Goods.
 7. The Company shall not be liable to the Buyer (whether under the law of contract or tort in any other way whatever) for loss of profit income goodwill or other economic loss, or any loss arising from any claim against the Buyer by any third party, or any consequential or indirect loss damage or expense of any kind however caused or arising.

Page 2 to be completed in full to validate this warranty

Project Title	
Project Location	
Ordering Company	
Order Reference	
Order Date	
Qty of Cylinders Ordered	

Office Use Only

Warranty Accepted By	
Warranty Acceptance Date	
Warranty Acceptance Reference	



Warranty, Tigris Omega Cylinders

To be valid, the project specific details should be completed and authorised at the time that cylinders are ordered.

- Tigris Omega cylinders have been successfully tested to the highest grade of durability, Grade 6 of the CEN standard; BSEN1303 2005.
 - *The durability test criteria for grade 6 includes cycle testing of 100,000 operations.*
- The product is guaranteed for a period of 15 years subject to the following conditions:
 1. The Company warrants that the Goods shall be manufactured and supplied in accordance with any description contained in the Company's specifications (subject to 6 below) and warrants them against defects in design materials and workmanship which become apparent and are notified in writing by the Buyer to the Company within Fifteen Years from the date of manufacture. The following exceptions apply:
 - a. Failure due to 'wear and tear' beyond 12 months of the date of manufacture.
 - b. Deterioration of finish from six months of the date of manufacture.
 2. The Company's obligation under this warranty is limited to repairing or (at its option) replacing any Goods (or parts thereof).
 3. Following notification of any defect the Buyer shall allow the Company all necessary access and other reasonable facilities and all information, particulars and assistance required to enable the Company to ascertain or certify the nature and cause of the defect and to carry out its warranty obligations.
 4. The above warranty shall not apply to any defect caused (in whole or in part) by any unauthorised alteration or addition to the Goods, or by use or storage of the Goods in a manner contrary to any written instructions issued by the Company, or for purposes for which the Goods were not designed, or by faulty installation maintenance or repair whether by the Buyer or by any third party.
 5. When any defective Goods are replaced, the provisions of this Condition shall apply to the replacement goods for the unexpired balance of the original Warranty Period.
 6. Nothing in this Condition shall prevent the Company from making for a valid reason any changes in the specification of the Goods which are required to comply with any applicable safety or statutory requirements or which do not materially affect the quality or fitness for purpose of the Goods.
 7. The Company shall not be liable to the Buyer (whether under the law of contract or tort in any other way whatever) for loss of profit income goodwill or other economic loss, or any loss arising from any claim against the Buyer by any third party, or any consequential or indirect loss damage or expense of any kind however caused or arising.

Page 2 to be completed in full to validate this warranty

Project Title	
Project Location	
Ordering Company	
Order Reference	
Order Date	
Qty of Cylinders Ordered	

Office Use Only

Warranty Accepted By	
Warranty Acceptance Date	
Warranty Acceptance Reference	



Cylinder Systems Care & Maintenance

Cylinder Lubrication

The cylinder mechanism consists of items that include brass and / or steel pins. Insertion of a key will inevitably cause friction as the ridges defined by the key cut, provides movement of the pins.

It is therefore vital that the cylinder is lubricated as follows:

Description of Use	Lubrication Interval
Cylinders with an average of more than 100 key operations per day	Monthly
Cylinders with an average of 50 key operations per day	Quarterly
Cylinders with an average of 10 key operations per day	Six Monthly

Lubrication Specification

Tigris can provide you with a specialist inexpensive lubricant which protects and cleans the cylinder mechanism as well as protecting the cylinder against corrosion.

Do not use oil or lubricants similar to WD40.

Cylinder Finish (Satin Chrome, Nickel)

The Cylinder should be wiped clean using detergent free warm water.

Cylinder Finish (Polished Brass, Polished Chrome)

This is a maintenance finish where a domestic cleaner should be used which is recommended for the particular finish. Care should be taken to ensure that the cleaner does not enter the cylinder mechanism via the keyway.

Manufacturer's declaration of compliance for standards and quality

We declare that the following product: **Tigris® Premier 6 Pin System**

has been successfully tested to: **EN 1303:2005**

with the following classification:

1	2	3	4	5	6	7	8			
1	6	0	1	0	c	6	2			

<u>Box</u>	<u>Classification</u>	<u>Grade or category</u>
1	Category of use	
2	Durability	
3	Test Door mass	
4	Fire resistance	
5	Safety	
6	Corrosion resistance	
7	Security	
8	Resistance to mechanical attacks (when used protective handles and plates)	

Evidence of standards compliance:

- ☒ Type testing by Manufacturer
- ☐ Type testing by Manufacturer to EN 45001
- ☐ Type testing by Independent recognised laboratory
- ☒ Regular audit testing by Manufacturer
- ☐ Regular audit testing by Manufacturer to EN 45001
- ☒ Regular audit testing by Independent recognised laboratory
- ☐ Other [specify:]

Evidence of quality compliance:

- ☒ Manufacturer's own quality system
- ☐ Manufacturer's quality system to EN 9002
- ☒ Manufacturer's quality system to EN 9001
- ☐ Manufacturer's quality system to EN 9002 with Independent quality assessment [3rd Party ref:]
- ☒ Manufacturer's quality system to EN 9001 with Independent quality assessment [**CERT .Q 1530 367**]
- ☐ Other [specify:]

Evidence of marking compliance:

- ☐ None
- ☐ CE marking
- ☐ Quality label [specify:]
- ☐ Other [specify:]

Manufacturer's declaration of compliance for standards and quality

We declare that the following product: **Tigris® Omega 6 Pin System**

has been successfully tested to: **EN 1303:2005**

with the following classification:

1	2	3	4	5	6	7	8			
1	6	0	0	0	c	6	2			

<u>Box</u>	<u>Classification</u>	<u>Grade or category</u>
1	Category of use	
2	Durability	
3	Test Door mass	
4	Fire resistance	
5	Safety	
6	Corrosion resistance	
7	Security	
8	Resistance to mechanical attacks (when used protective handles and plates)	

Evidence of standards compliance:

- ☒ Type testing by Manufacturer
- ☐ Type testing by Manufacturer to EN 45001
- ☐ Type testing by Independent recognised laboratory
- ☒ Regular audit testing by Manufacturer
- ☐ Regular audit testing by Manufacturer to EN 45001
- ☒ Regular audit testing by Independent recognised laboratory
- ☐ Other [specify:]

Evidence of quality compliance:

- ☒ Manufacturer's own quality system
- ☐ Manufacturer's quality system to EN 9002
- ☒ Manufacturer's quality system to EN 9001
- ☐ Manufacturer's quality system to EN 9002 with Independent quality assessment
- ☒ Manufacturer's quality system to EN 9001 with Independent quality assessment
- ☐ Other [specify:]

Evidence of marking compliance:

- ☐ None
- ☐ CE marking
- ☐ Quality label [specify:]
- ☐ Other [specify:]

Credit application form

ABOUT YOUR COMPANY

Company Name	
Address	
Address	
Address	
Postcode	
Telephone number	Fax number
e mail address	
Incorporation no (Ltd Co.)	
VAT number	

IF YOU ARE A SOLE TRADER OR A PARTNERSHIP please enter your details

Sole Trader or Partners Name	
Home Address (incl. postcode)	
Home Telephone number	
Please state Male/Female	

WHAT IS YOUR MAIN TYPE OF BUSINESS?
please tick all that apply

<input type="checkbox"/> Architectural Ironmonger	<input type="checkbox"/> Locksmith
<input type="checkbox"/> Builder's Merchant	<input type="checkbox"/> Security Installer
<input type="checkbox"/> Door Manufacturer	<input type="checkbox"/> Other. Please specify below

WHO ARE THE MAIN CONTACTS
(at the address shown at the top of the form)*

Name	Position	e-mail address

* Details given will be used only to provide updated information such as pricelists, new product brochures etc.
ACCESS² will not share databases with others and will remove your details, at any time, if you so wish.

Credit application form

BANK REFERENCE

Bank Name	
Address incl. Postcode	
Bank Sort Code	
Account Number	
Telephone number	

TRADE REFERENCE 1

Company Name	
Address incl. Postcode	
Telephone Number	Fax Number

TRADE REFERENCE 2

Company Name	
Address incl. Postcode	
Telephone Number	Fax Number

TRADE REFERENCE 3

Company Name	
Address incl. Postcode	
Telephone Number	Fax Number

Our terms of credit are strictly payment in full at the end of the month following the month of delivery.
I accept your terms and conditions of sale and consent to ACCESS² contacting our bank for credit reference purposes.

Signed	Date	
Print Name	Position	

Terms & conditions

1. DEFINITIONS

In these Conditions:-

- 1.1 "The Company" means Locking & Security Solutions Limited whose Registered Office is situated at The Old Bank House, 52 Palmerston Street, Bollington, Cheshire. SK10 5PW, United Kingdom.
- 1.2 "The Buyer" means the person, firm or company who buys or agrees to buy the Goods from the Company.
- 1.3 "The Goods" means the articles which the Buyer agrees to buy from the Company.
- 1.4 "A Credit Customer" means a Buyer who has been notified in writing by the Company that credit terms are available to it, and in respect of whom the Company has not exercised its discretionary right to notify the Buyer of the withdrawal of such terms.
- 1.5 "The Warranty Period" means in respect of any Goods a period of six months from the date of the issue of the invoice from them (or such other period as may be expressly agreed in writing between the parties).

2. APPLICATION OF CONDITIONS

- 2.1 These conditions shall apply to all contracts for the sale of Goods by the Company to the Buyer to the exclusion of all other terms and conditions including any which the Buyer may purport to apply under any purchase order confirmation or order or similar document.
- 2.2 Acknowledgement by the Company of any invitation (in whatever form) to offer Goods for sale shall be an offer to sell subject to these Conditions (and no others) only capable of acceptance by the Buyer upon these Conditions and by means of giving to the Company a signed duplicate of the acknowledgement.
- 2.3 Any variation to these Conditions (including any special terms and conditions agreed between the parties) shall be inapplicable unless agreed in writing by a duly authorised officer of the Company.

3. PRICES

- 3.1 The Price of the Goods shall (subject as below) be the Price stipulated in the Company's price list current at the date of delivery of the Goods, or, if a specific quotation has been given for the Goods, the price then quoted provided that the Buyer has accepted that quotation within 30 days.
- 3.2 The Company may be giving notice to the Buyer at any time up to 7 days before delivery increase the Price to reflect any increase of the contract of sale which are beyond the reasonable control of the Company (including, without limitation, foreign fluctuation, taxes, duties, and the cost of labour, materials and other manufacturing costs PROVIDED that if the Price as so varied is reasonably regarded by the Buyer as too high in relation to the Price originally agreed then the Buyer may cancel the contract by notice in writing to the Company within 3 days of receiving the notice of change of Price.
- 3.3 The Price shall be exclusive of VAT which shall be due at the rate ruling on the date of the VAT invoice.
- 3.4 The Price shall be a minimum of £30 (with the exception of cut keys).
- 3.5 For consignments having a net value (net of Value Added Tax) of £100 or more, the cost of normal carriage by road to the Buyers own Warehouse, in the United Kingdom is paid by the company. If any other form of transport or destination is stipulated by the Buyer or if the net value is less than £100, net of Value Added Tax, the cost of the carriage will be paid by the Buyer.
- 3.6 The Buyer shall not be entitled to make any deduction from the Price in respect of any alleged rights to set-off or counterclaim unless both the validity and the amounts thereof have been expressly accepted by the Company in writing.

4. PAYMENT TERMS

- 4.1 Payment by a Credit Customer shall be due on the last day of the month following the date of the invoice for the Goods.
- 4.2 The Company will allow 2-1/2% cash discount on the value (net of Value Added Tax) of all invoices settled in full within 14 days after the date of the invoice.
- 4.3 Payment shall be in pounds sterling unless otherwise expressly agreed.
- 4.4 Interest on overdue invoices (or any part(s) thereof) shall accrue from the date when payment becomes due from day to day until the date of payment at a rate of 5% above Royal Bank of Scotland plc's base rate from time to time in force and shall accrue at such a rate after as well as before any judgement.
- 4.5 In the event that any payment is more than 30 days overdue the Company may at its discretion refuse to supply any further Goods to the Buyer under any contract between them.
- 4.6 For the purpose of this clause time shall be of the essence.

5. DELIVERY AND RISK

- 5.1 Delivery of the Goods shall be deemed to be effected either when they are collected from the Company by the Buyer or a carrier acting on the Buyers behalf, or when they are delivered by a carrier acting on behalf of the Company.
- 5.2 Risk in respect of all Goods shall pass on delivery, and the Company shall accept no liability for any direct or consequential loss or damage after delivery.
- 5.3 Any claim for shortages must be notified by the Buyer to the Company in writing within three working days of actual receipt of the Goods by the Buyer or in the case of total loss or non delivery of consignments within the United Kingdom, within 7 days of receipt of the Company's or carrier's delivery advice, invoice or other notification of despatch.
- 5.4 The Seller shall not be liable for any loss or damage whatever due to failure to deliver the Goods (or any of them) promptly or at all, and any date indicated for delivery shall be regarded only as the Company's best estimate and shall not be contractually binding.

6. RETURNS

- 6.1 No Goods delivered to the Buyer which are in accordance with the contract will be accepted for return without the prior written approval of the Company.
- 6.2 If the Company agrees to accept any such Goods for return the Buyer shall be liable to pay a handling charged being the greater of £10 or 10% of the invoice price.
- 6.3 Such Goods must be returned by the Buyer to the Company carriage paid and in their original packaging.
- 6.4 Goods returned without the prior approval of the Company may at the Company's absolute discretion be returned to the Buyer or stored at the Buyer's cost, without prejudice to any rights or remedies the Company may have.
- 6.5 The Buyer shall be deemed to have accepted the Goods by the close of the second working day after the date of delivery and shall thereafter not be entitled to reject Goods which are not in accordance with the contract.

Terms & conditions (cont)

7. WARRANTIES

7.1 The Company warrants that the Goods shall be manufactured and supplied in accordance with any description contained in the Company's specifications (subject to 7.7. below) and warrants them against defects in design materials and workmanship which become apparent and are notified in writing by the Buyer to the Company within the Warranty Period.

7.2 The Company's obligation under this warranty is limited to repairing or (at its option) replacing any Goods (or parts thereof) which are delivered with or develop such defects under normal and proper use.

7.3 Following notification of any defect the Buyer shall allow the Company all necessary access and other reasonable facilities and all information, particulars and assistance required to enable the Company to ascertain or certify the nature and cause of the defect and to carry out its warranty obligations.

7.4 The above warranty shall not apply to any defect caused (in whole or in part) by any unauthorised alteration or addition to the Goods, or by use or storage of the Goods in a manner contrary to any written instructions issued by the Company, or for purposes for which the Goods were not designed, or by faulty installation maintenance or repair whether by the Buyer or by any third party.

7.5 When any defective Goods are replaced, the provisions of this Condition shall apply to the replacement goods for the unexpired balance of the original Warranty Period or for one half of the Warranty Period, which shall be the longer.

7.6 Except where the Buyer is dealing as a consumer (as defined in the Unfair Contract Terms Act 1977 Section 12) all other warranties, conditions or terms relating to fitness for purpose, merchantability or condition of the Goods and whether implied by statute or common law or otherwise are excluded.

7.7 Nothing in this Condition shall prevent the Company from making for a valid reason any changes in the specification of the Goods which are required to comply with any applicable safety or statutory requirements or which do not materially affect the quality or fitness for purpose of the Goods.

7.8 The Company will endeavour to extend to the Buyer the benefit of any guarantee condition or warranty given to the Company by any manufacturer or supplier in respect of the Goods PROVIDED that the Company shall not itself be deemed to accept any liability in respect thereof and shall be indemnified by the Buyer against all costs claims and expenses incurred in connection therewith.

8. PASSING OF PROPERTY

8.1 The Goods shall remain the Company's property until the Buyer has paid for them in full, notwithstanding that risk shall pass in accordance with Condition 5.2.

8.2 Whilst the Goods remain the Company's property the Buyer shall hold them as bailee and store them separately from any other goods and in such a way that they can be identified as the Company's property, and shall insure them against loss or damage and if there is any loss or damage hold the proceeds of such insurance as trustee for the Company.

8.3 The Buyer's right to possession of the Goods shall cease if they are not fully paid for by the date upon which payment is due, or if the Buyer is declared bankrupt or makes any proposal to its creditors for a composition or other voluntary arrangement, or has a receiver, administrator or liquidator appointed in respect of its business.

8.4 On cessation of the Buyer's right to possession of the Goods it shall at its own expense make the Goods available to the Company and allow the Company to repossess them, and for this purpose hereby grants to the Company its agents and employees an irrevocable licence to enter any premises where the Goods are stored in order to repossess them or inspect them at any time.

8.5 Nothing in this condition shall prevent the Buyer from selling or disposing of the Goods in the ordinary course of its business.

9. LIABILITY

9.1 The Company shall not be liable to the Buyer (whether under the law of contract or tort in any other way whatever) for loss of profit income goodwill or other economic loss, or any loss arising from any claim against the Buyer by any third party, or any consequential or indirect loss damage or expense of any kind however caused or arising.

9.2 Nothing herein shall be deemed to exclude or limit the Company's liability in regard to any claim relating to the death of or injury to any person.

10. SPECIFICATION AND DESIGNS

10.1 The specification and design of the Goods (including any patents, trade marks, trade names, copyright, design right, registered design or other intellectual property in them) shall be the Company's consent or insofar as they are within the public domain be disclosed to any third party.

10.2 Where any specifications or designs have been supplied by the Buyer for manufacture by or to the order of the Company then the Buyer shall be solely responsible for the accuracy thereof and warrants that the use of those specifications or designs for the manufacture, processing, assembly or supply of the Goods shall not infringe the rights of any third party, and the Company shall not be liable for any defects arising therefrom.

10.3 Specifications and designs submitted by the Company for quotation purposes shall be deemed to be approximations only.

10.4 Proprietary or component fitments not manufactured by the Company are detailed according to the most recent information from their manufacturer in the possession of the Company, and are subject both to variation by the manufacturer and to any conditions imposed thereby.

11. MISCELLANEOUS

11.1 The Buyer agrees to observe any information or advice relating to any health and safety aspects of the Goods which may be given to it by the Company and to indemnify the Company against all claims costs and expenses arising in respect of the installation or use of the Goods in a manner which is not safe and without risk to health.

11.2 The headings to these Conditions do not affect the interpretation thereof.

11.3 Any provision of these Conditions which is or may be void or unenforceable shall be the extent of such invalidity or unenforceability be deemed severable and shall not affect any other Condition.

11.4 Neither party shall be liable for any default due to any Act or God, war, strike, lock-out, industrial action, delay or cancellation of any supply by any third party, fire, flood, tempest, drought or other event beyond the reasonable control of either party.

11.5 Any notice to be served on either party by the other shall be in writing and shall be sent either:-

11.5.1 be prepaid recorded delivery first class post in which case it shall be deemed to have been received on the second working day after posting or

11.5.2 by electronic mail to the correct electronic address of the receiving party in which case it shall be deemed to have been received on the first working day after transmission or

11.5.3 by facsimile transfer to the correct number of the receiving party in which case it shall be deemed to have been received on the same day as it was transmitted or the next working day if transmitted on a day other than a working day or after 3.00 pm

11.6 The proper law of any contract subject to these Conditions shall be the Laws of England.