

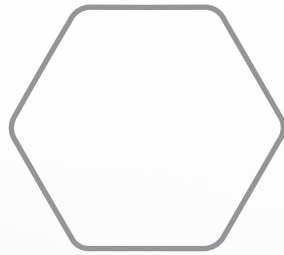
TIGRIS[®] Mechanical Key Systems



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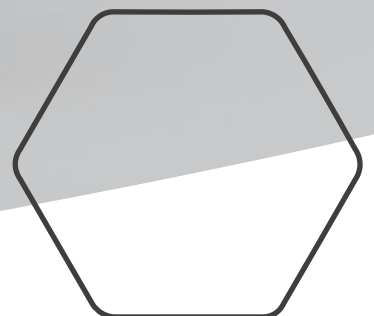
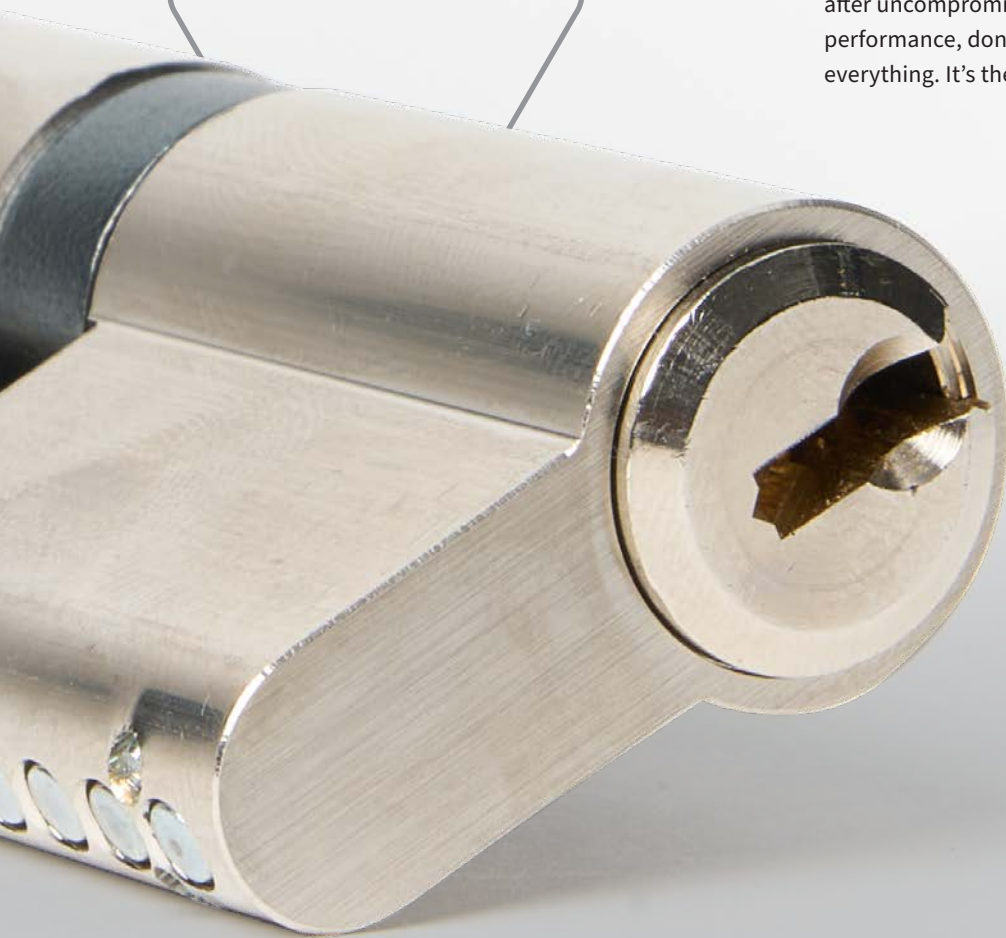
TOMORROW'S KEY SYSTEMS, TODAY

It's not just a strapline, it's our commitment. At Access 2, we don't chase the future. We define it.

Rooted in tradition, driven by heritage, we've always known that strength comes from the foundation. But leadership? That comes from stepping forward, first. That's why we lead from the front, not from comfort zones.

In this brochure, you'll discover the TIGRIS® Premier 4™ range, Plus™, Standard™ and Tristar® each engineered without compromise, designed to deliver unmatched security and system integrity.

We don't just build master key systems. We build peace of mind, one precision-cut component at a time. So, whether you're after uncompromising security, flexible design, or future-proof performance, don't settle. Because at Access 2, capability isn't everything. It's the only thing.





ABOUT US

Tradition & Heritage

For over three hundred years, the North East of England has been synonymous with great engineering inventions and achievements.

From the invention of steam locomotion, the light bulb and the hydraulic turbine. Engineers such as George Stephenson, Joseph Swann, Charles Parsons, and Lord William Armstrong have been pivotal in the global history of industrial manufacturing.

Carrying on this fine tradition of mechanical engineering, Access2 can trace its lineage back over sixty-five years. First in the 1950s where N F Ramsay & Co, established themselves at heart of the world renowned North East ship building industry, supplying ASSA marine locking products.



Following on from N F Ramsey & Co. in the 1970s through to Laidlaw and Newman Tonks, both world renowned architectural hardware companies of their time. It is this rich heritage that Access2 proudly carries on.

Born out of a desire to provide the highest level of product quality, with an unbeatable service ethos, Access2 revolutionised the provision of bespoke master key systems in its inception in 2002.

Working from a purpose designed manufacturing facility in Benton, Tyne & Wear, Access2 has built upon its traditional history and now provides an integrated range of secure key systems incorporating mechanical, mechatronic, digital and virtual technologies.





Leading from the front

Access2 was founded in 2002 and considered by some a new-comer to the industry. Since the company's birth, Access2 has established itself as one of the leading manufacturers of mechanical key systems supporting our clients and their projects throughout the UK, EMEA and AP markets.

With these opportunities comes great responsibility in ensuring that our clients receive products that exceed current requirements, standards and best practice.



Leadership is knowing the way, going the way and showing the way.

It's a responsibility Access2 takes seriously, not only following current requirements, but actively shaping and guiding the future direction of key systems within the hardware industry.

Since 2002 Access2 has been an active member of dhf, contributing within as well as leading committees and working groups in establishing new product standards and best practice.

As a member company within ARGE, Access2 sits within the Master Key Systems Data Security Working Group and was instrumental in the creation of ARGE's Pan European Standards for Master Key Systems, the forerunner for CEN TS 17814 Master Key Systems Data Protection - Guidance.

A member of the Guild of Architectural Ironmongers Technical Committee, Access2 is a leading provider of education to the industry with CPD approved content.

Access2 provides expert knowledge and guidance as a part of BSI National Standards Committee and CEN European Committee for Standardisation.



TIGRIS® PREMIER 4™

Tigris®Premier4™ is our premium mechanical key system product solution.

Offering advanced patent protection (2042) to both key and cylinder, Tigris®Premier4™ provides maximum security against illegal key copying and duplication. Features, functionality, and capability incorporating European, UK, Scandinavian, and Round profile cylinder bodies make this the ideal solution for demanding master key systems.

Tigris®Premier4™ boasts a multi-profile family incorporating unique side element profile pins caters for the most complex of key system designs. Partner profiles are available.



EN1303:2015
EN1634-1
TS 17814



Certification

Patent Protection to 2042 EP4204648

EN1303:2015 Product Classification 160B0C6B/C/D

EN1634-1:2014+A1:2018 TR20240701-003811 60 minute rating

BS3621:2012

TS007-1:2014 + A2:2018 1* & 3* Options accredited by BSI - KM 526410

EN15804 Environmental Product Declaration (EPD)

CEN TS 17814 compatible master key system solutions

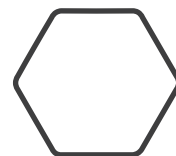
Anti-Bump option successfully tested to BS3621:2012 Annex A1 GVA Test

Manufacturers Declaration of Compliance

Successfully incorporated into the following:

- Physical attack protection solutions to LPS1175:E10, LPS1673:D300E, FEBR:60, EN1627:RC4, STS202:BR3, PAS24, and LPS2081:SRB
- Life safety solutions to EN1125, EN179 and UL305
- Ballistic protection solutions to BSEN1522:FB7, UL752:L1-10, and NIJ0108.01:L2+3
- Blast protection solutions to ISO16933:EXV15/25 and ASTM:F2927:Cat1
- Fire protection solutions to UL10C, EN1634-1, CERTIFIRE, and BS476-22
- Corrosion protection solutions to EN1670:GR5





Specification

18 profile key family
(plus additional master and common profiles)

Anti-pick pins

Side element profile pins

Anti drill pins in barrel and housing

Steel barrel and body pins

Optional bronze components for marine environments

Easy key entry

No direct coding on key

Key blanks held securely at Access2

Euro, UK Oval, Scandinavian Oval, Rim, Rim Mortice
and Cam Lock bodies available

Extensive range of body sizes and offset sizes

CEN3, CEN4, CEN5 & CEN6 padlock options

Construction keying

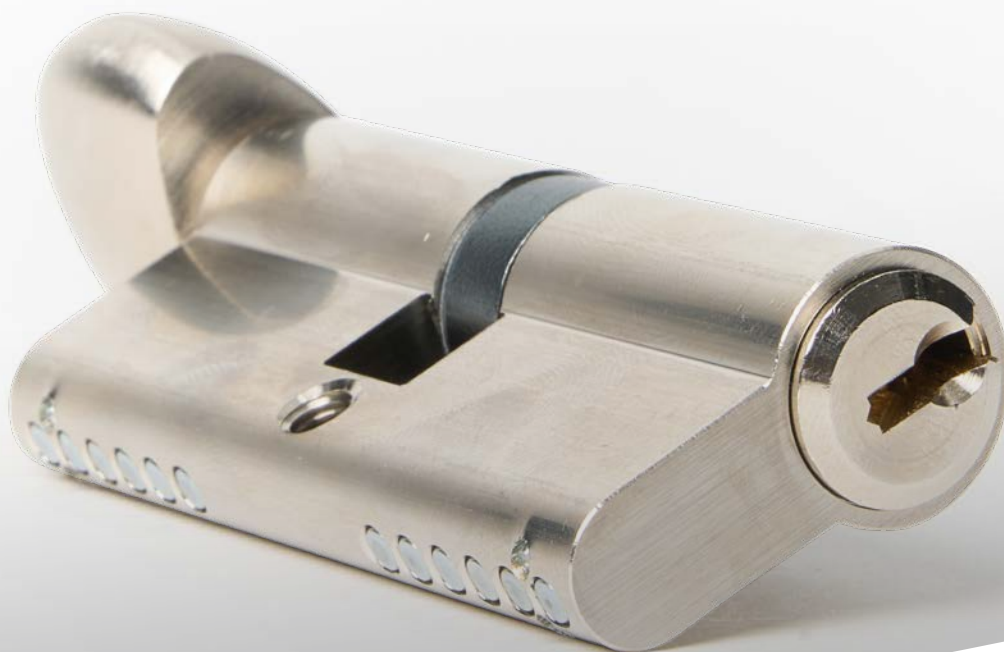
Classroom function

Clutch function

Colourmatch finish options including split finish body options

Large complex keying capabilities

Traditional, central and key control master key systems



TIGRIS® PLUS™

Tigris®Plus™ is a premium mechanical key system product solution.

Provided with a non-patent key and cylinder, Tigris® Plus™ provides a great solution where the requirement to source keys locally and conveniently is paramount.

Features, functionality and capability incorporating European, UK, Scandinavian, and Round profile cylinder bodies make this the ideal solution for most master key systems.

Certification

EN1303:2015 Product Classification 160B0C6B/C/D

EN1634-1:2014+A1:2018 TR20240701-003811 60 minute rating

BS3621:2012

EN15804 Environmental Product Declaration (EPD)

Anti-Bump option successfully tested to BS3621:2012 Annex A1 GVA Test

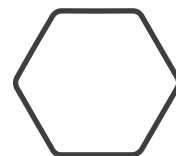
Successfully incorporated into door solutions to PAS24

Manufacturers Declaration of Compliance



EN1303:2015
EN1634-1





Specification

Single non-patent (open) profile

Anti-pick pins

Anti drill pins in barrel and housing

Steel barrel and body pins

Optional bronze components for marine environments

No direct coding on key

Key blanks available locally

Euro, UK Oval, Scandinavian Oval, Rim, Rim Mortice and Cam Lock bodies available

Extensive range of body sizes and offset sizes

CEN3, CEN4, CEN5 & CEN6 padlock options

Construction keying

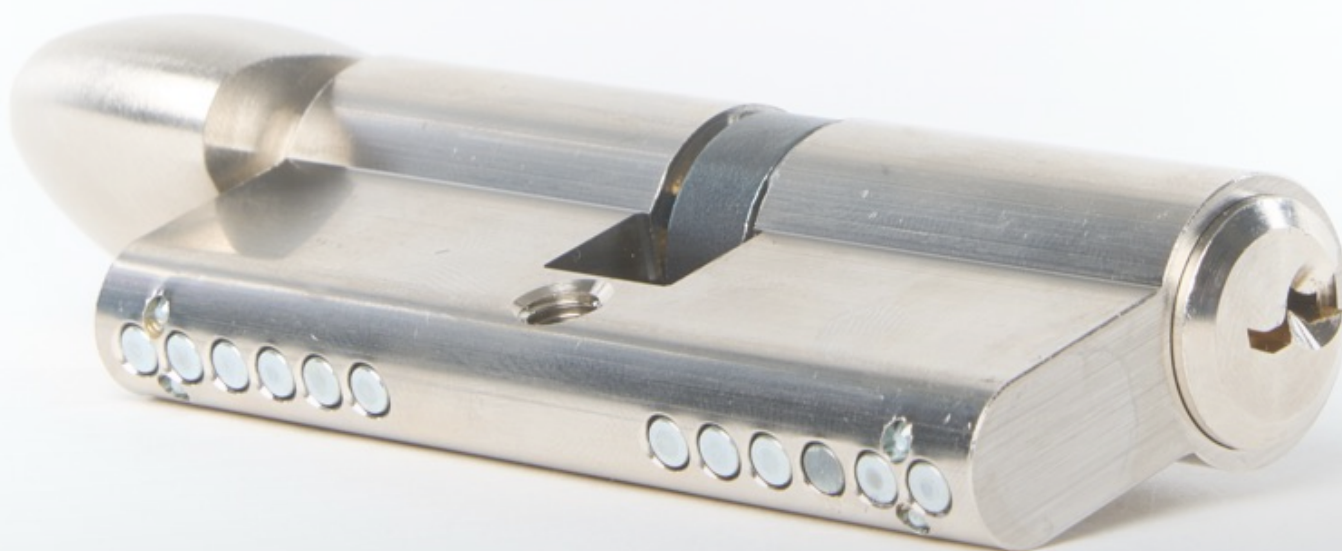
Classroom function

Clutch function

Colourmatch finish options including split finish body options

Medium level keying capabilities

Traditional, central and key control master key systems



TIGRIS® STANDARD™

Tigris® Standard™ is our entry level mechanical key system product solution.

A six pin non-patent serrated key and cylinder. Tigris® Standard™ provides the freedom to source keys locally and conveniently. Featuring clutch and classroom functions and the capability to incorporate European, UK, Scandinavian, and Round profile cylinder bodies make Tigris® Standard™ the ideal solution for budget master key systems.

Certification

EN1303:2015 Product Classification 160B0C60

EN1303:2015 A.3.b Fire resistance Grade B

BS3621:2012

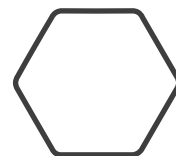
EN15804 Environmental Product Declaration (EPD)

Manufacturers Declaration of Compliance



BSEN1303:2015





Specification

Single non-patent (open) profile

Anti-pick pins

No direct coding on key

Key blanks available locally

Euro, UK Oval, Scandinavian Oval, Rim, Rim Mortice and Cam Lock bodies available

Limited range of body sizes and offset sizes

Padlock options

Classroom function

Clutch function

Limited range of Colourmatch finish options

Low level keying capabilities

Traditional master key systems



TIGRIS® TRISTAR®

Tigris® Tristar® is our entry level TS007-1 product solution.

“Always Locked Protection” - unlike most snap secure cylinder products that activate on snapping, Tigris® Tristar® contains a blocking pin that is always active. The blocking pin only deactivates on insertion of a correct key. This ensures complete protection against CAM manipulation at all times.

Offering protection via a restricted serrated profile c/w side pin millings, Tigris® Tristar® provides a high level of security against illegal key copying and duplication. A security card provided with each cylinder lock ensures only the card holder has access to duplicate keys.



EN1303:2015
EN1634-1
TS 17814



Certification

EN1303:2015 Product Classification 160B0C5D

EN1634-1:2014+A1:2018 TR20240701-003811 60 minute rating

BS3621:2012

TS007-1:2014 + A2:2018 1* & 3* Options accredited by
BSI - KM 597142

SS312-2024 Diamond

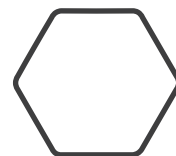
EN15804 Environmental Product Declaration (EPD)

Anti-Bump option successfully tested to BS3621:2012 Annex
A1 GVA Test

Successfully incorporated into door solutions to PAS24

Manufacturers Declaration of Compliance





Specification

Snap secure	Key blanks held securely at Access2
Always Locked Protection blocking pin	Security card for duplicate key orders
Anti-pick pins	Extensive range of Euro profile body sizes and offset sizes
Side bar pins	CEN3, CEN4, CEN5 & CEN6 padlock options
Anti drill pins in barrel and housing	Colourmatch standard finish options
Steel barrel and body pins	Standard Differ Format
No direct coding on key	Keyed Alike Format





SECURITY WITHOUT COMPROMISE

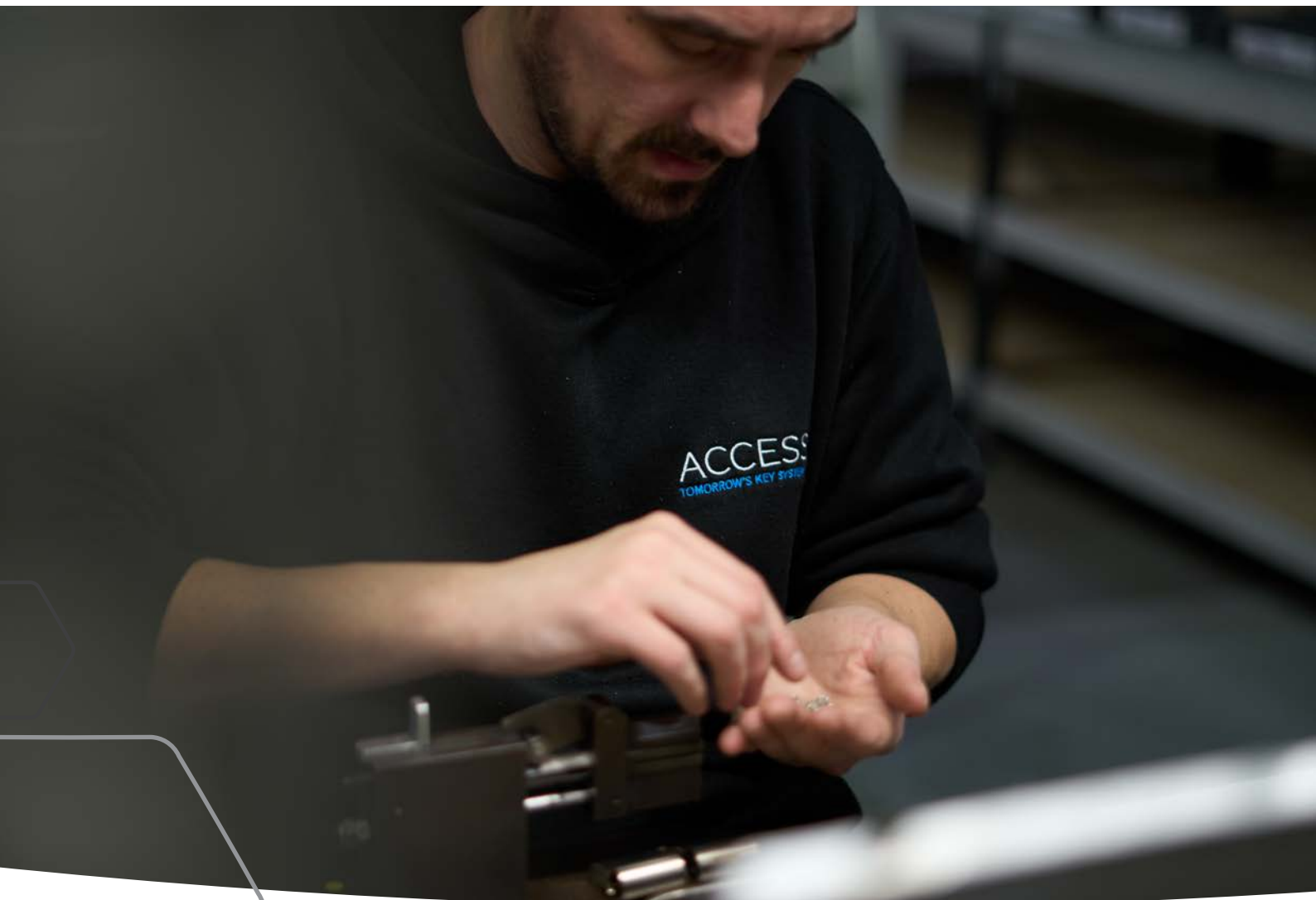
By their very nature, all bespoke master key systems are different. Cylinder types, sizes, finishes, pinning combinations, and key cuts, results in no two master key systems being the same.

Security is a constant in master key systems, though not all require it. Secure systems reduce the convenience of buying keys locally and need protocols to prevent unauthorized duplication of keys and cylinders.

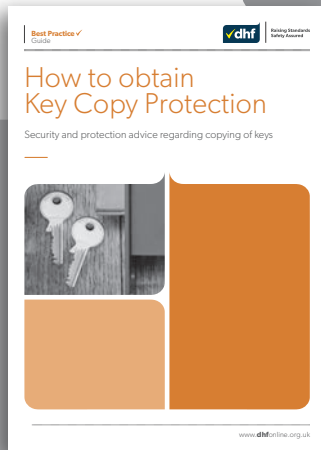
Where convenience is paramount, master key systems without patent protection allow individual key holders to source and purchase replacement keys and cylinders without permission .

Only master key systems with copy protection can provide the the level of security necessary to prevent unauthorised key and cylinder duplication.

At Access2 to further safeguard our systems, we not only provide patent key systems but also do not release key blanks to the open market.



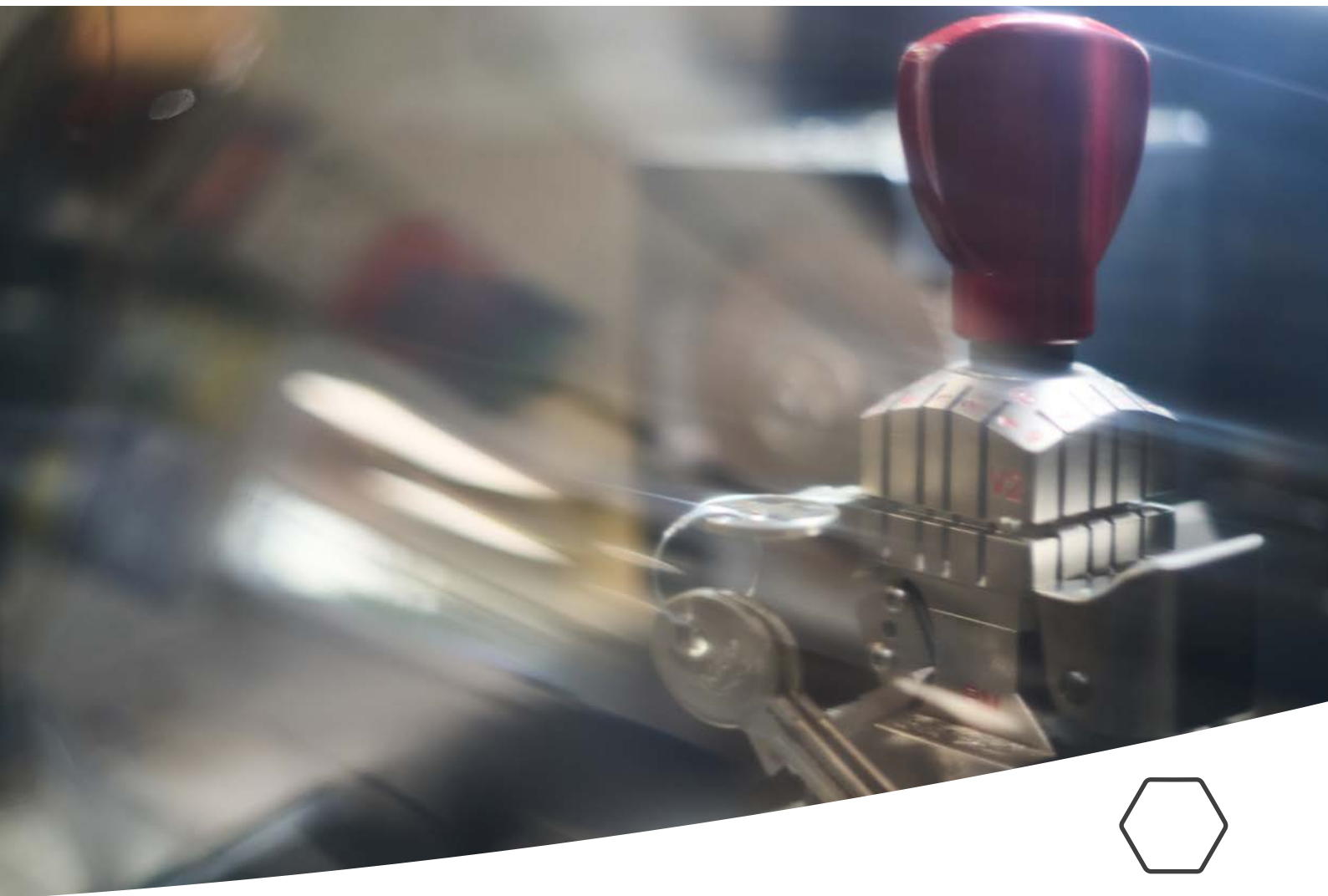
Only patent protects.



This ensures the highest levels of security for your cylinder system. Other master key systems such as “restricted, trademark or protected” provide no security.

An independent guide providing an overview to key security including recent case Law, is available to download from the dhf.

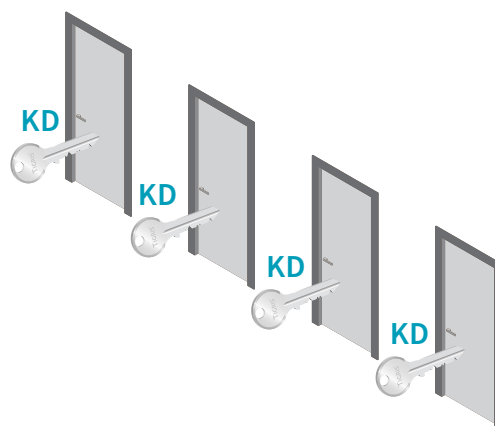
For further information please visit www.dhf.com



KEY SYSTEM STRUCTURES

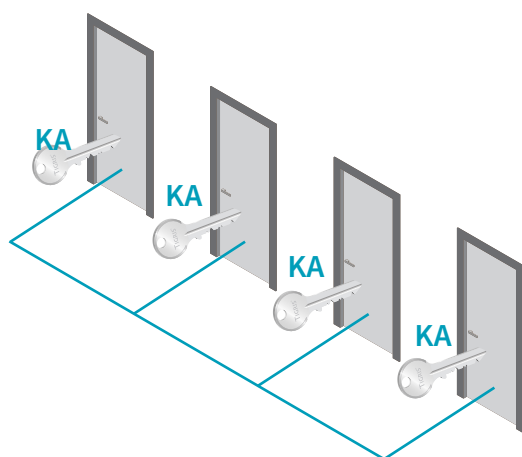
Key to Differ (KD)

Each cylinder can be operated by its own key.



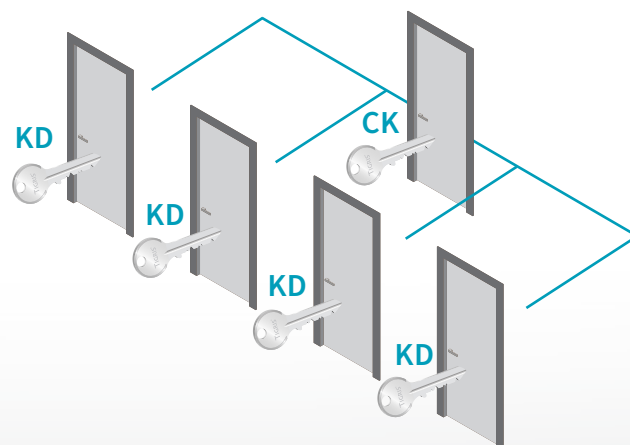
Keyed Alike (KA)

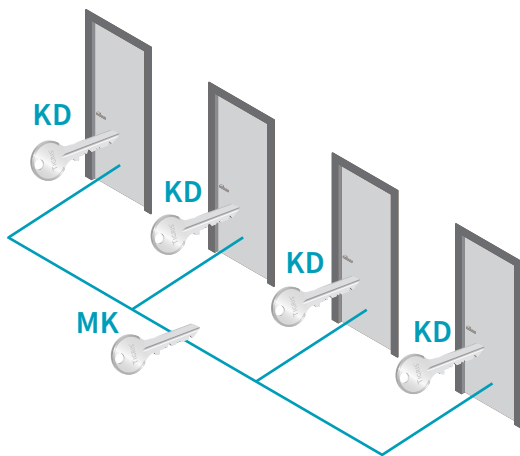
Several cylinders with the same permutation can be opened by the same key.



Central Locking System (CK)

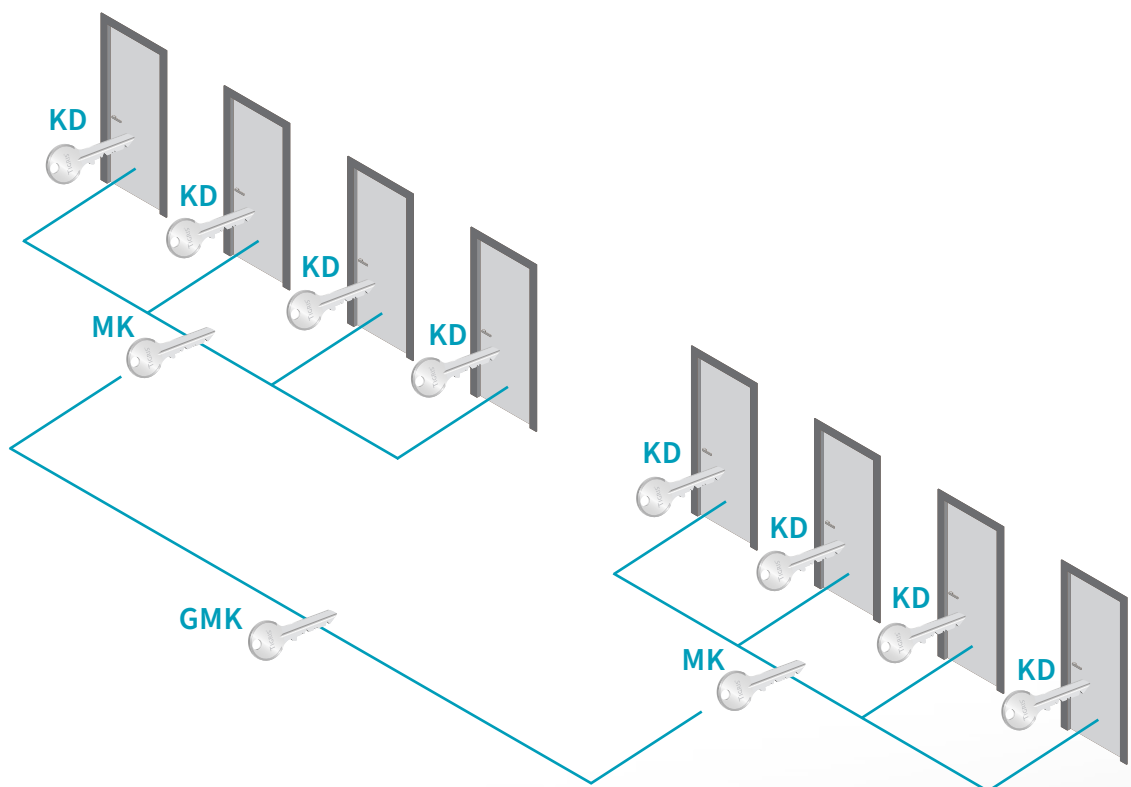
Each key opens only its own cylinder and the centrally locking system (e.g. the common entrance in an apartment block).





Master Key System (MK)

Each cylinder is opened by its own individual key and by the master key.



Grand Master Key System (GMK)

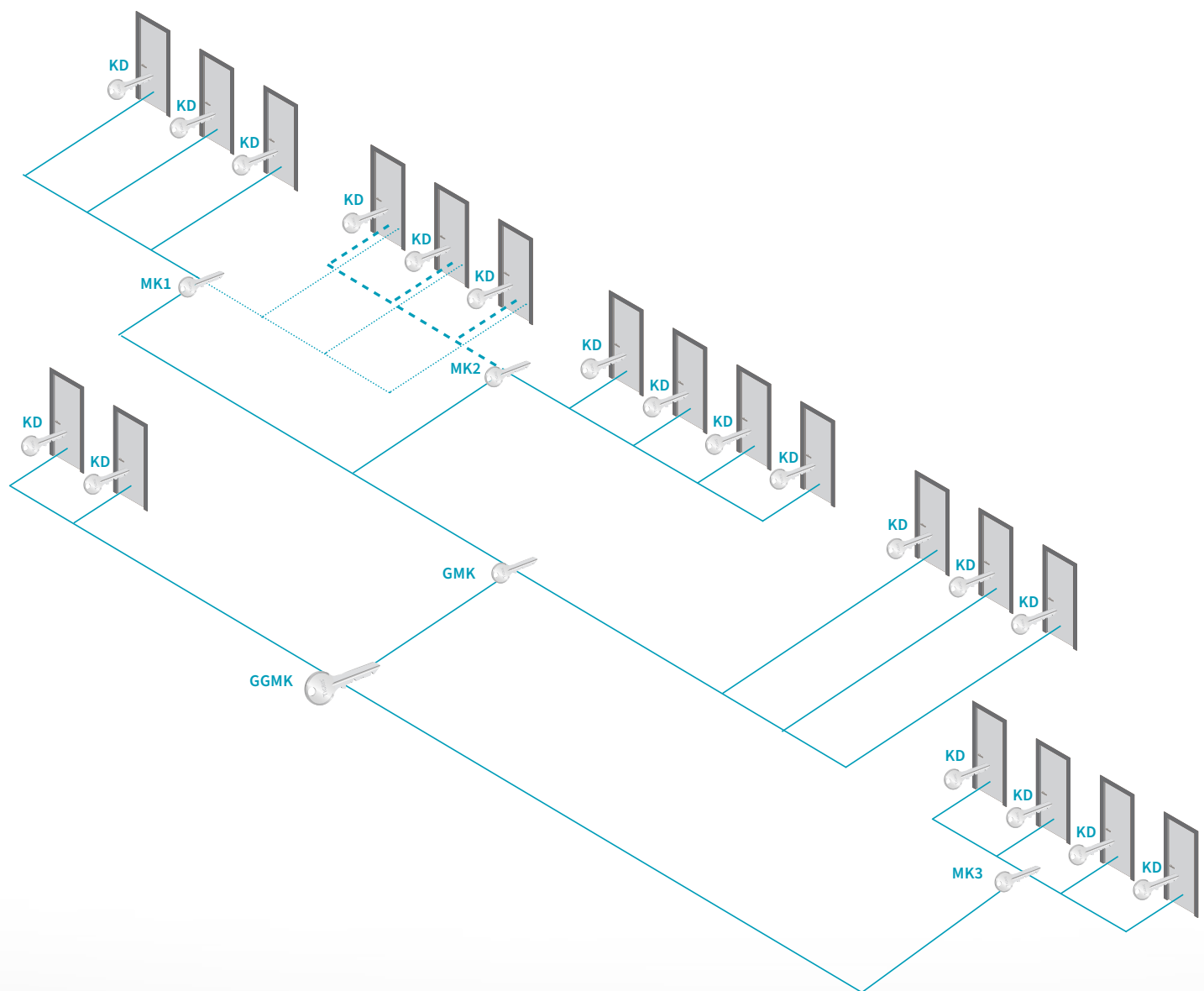
Each cylinder is opened by its own individual key, the master key and the grand master key.





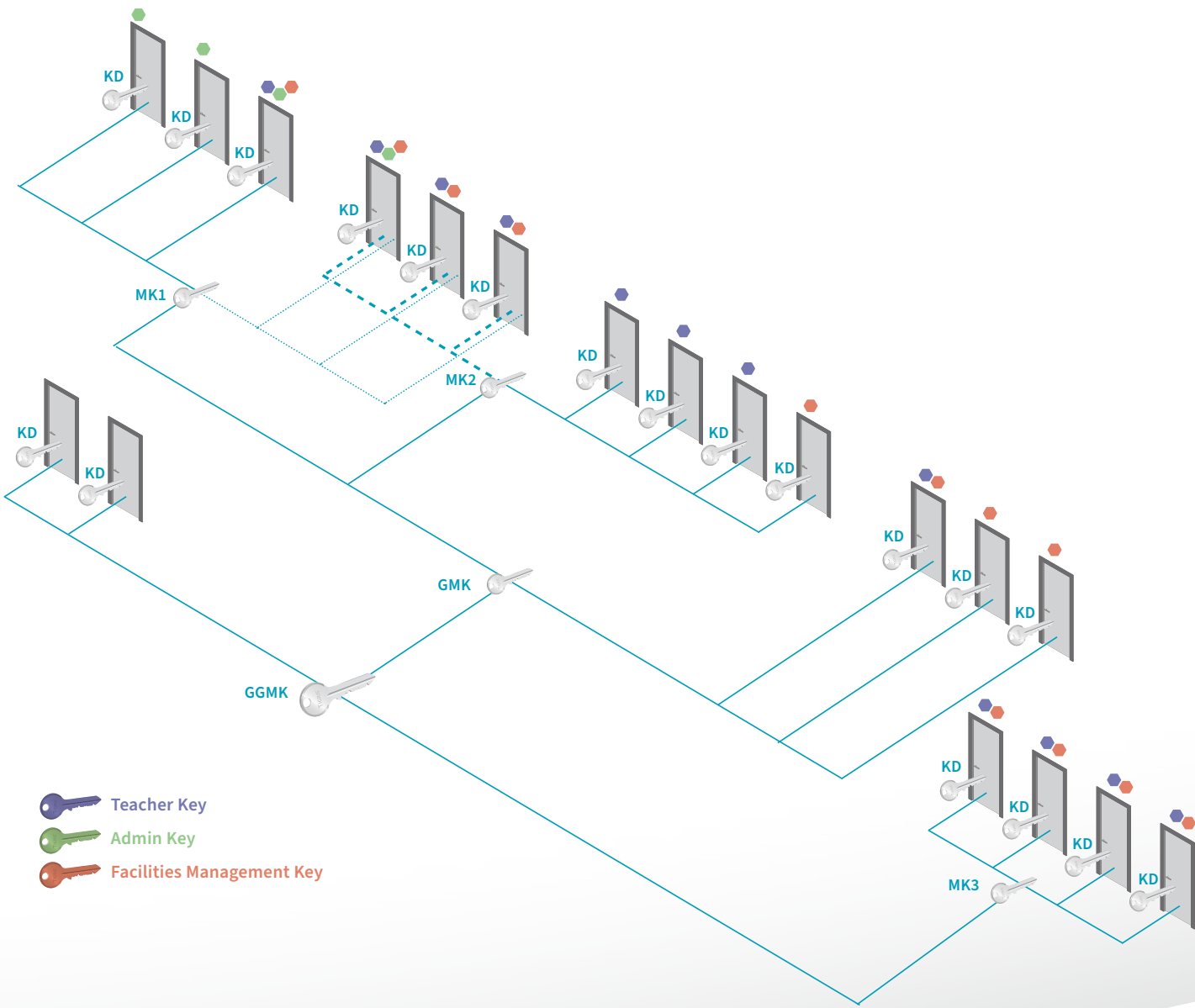
Complex Key System

Individual keys or master keys belonging to different groups of cylinders can open one or more cylinders belonging to other groups and can be extended to the great grand master key system (GGMK).



Key Control System

Keys are assigned to user groups. Doors are then assessed as to which group requires access. Individual doors – for security reasons - can remain outside the access pattern of these user groups.



CAPABILITY ISN'T EVERYTHING, IT'S THE ONLY THING

Accessible Cylinder Function

With limited dexterity, even the simplest task of opening a door can mean the difference between being independent or housebound. The advent of legislation aimed at preventing this means employers, building owners and service providers cannot ignore the implications. Accessible key fobs and specially designed thumbturns with a lever action are available for all Tigris® cylinders to assist less able users to operate cylinders without the need for grip.



Clutch Cylinder Function

Often referred to as anti-barricade function, a clutch cylinder contains an internal clutch mechanism which disengages the key from the operation of the thumbturn.

This allows the door to be unlocked even if the thumbturn is being held in the locked position on the inside. This makes it ideal for use in secure hospitals for example where there is a risk that an individual may block access to an area.



Classroom Cylinder Function

The classroom function is a variation of the clutch cylinder with the added feature of securing mechanisms that only allow the turn to rotate in a single direction to 'Unlock' the door. This is typically used in schools to prevent mischief by students locking doors. As locking mechanisms on doors are handed, the direction of locking must be specified with classroom function.





Construction Cylinder Function

For security on-site, locks and cylinders are often installed at an early stage. This can lead to compromised security when the building is completed with keys not being returned by contractors.

Our special 'construction cylinder' will allow the contractor full access during the construction period with their own construction key. When the system masterkeys are inserted in the cylinders for the first time (at the point of 'hand-over'), a mechanism inside the cylinder is activated and the construction keys become automatically barred from the system.



Thumbturn Options

As standard, cylinders with thumbturn are supplied with our smooth elliptical turn with thumb slot. A range of alternative turns are available to order to allow you to complement specific hardware. The range of turns includes our standard and mini accessible turns which provide a 'lever action' to assist users with poor or weakened grip to operate the turn easily. The specialist anti-ligature turn option must be used in conjunction with a suitable anti-ligature escutcheon.



ColourMatch™

All Tigris® cylinders are provided in a satin nickel finish as standard. We are also able to provide cylinders in a wide range of metallic and solid colours using our unique ColourMatch service.

Select from a range of our standard finishes or provide a sample colour for us to match. See our ColourMatch™ brochure for further details of this service.



CYLINDER SPECIFICATION PROCESS

	EN1303:2015 Product Classification										Testing & Certification				Key Formats				Cylinder Features										Finishes																			
	Patent protection to Key and Key Way																																															
	6 Pin Paracentric Profile																																															
	Category of Use																																															
	Durability																																															
	Door Mass																																															
	Fire Resistance																																															
	Safety																																															
	Corrosion Resistance & Temperature																																															
	Key Related Security																																															
	Attack Resistance																																															
	Declaration of Conformity																																															
	TS 007 1* Options																																															
	TS 007 3* Options																																															
	SS312 Diamond Standard																																															
	CEN TS17814 Master Key System Data Security Compatible																																															
	EN 1634-1 Fire Certification																																															
	EN15804 Environmental Product Declaration																																															
	Secured by Design Approved Product Options																																															
	Standard Differ																																															
	Keyed Alike																																															
	Master Keyed																																															
	Control Key System																																															
	Central Key System (EN 1303)																																															
	Construction Keyed																																															
	Service Format (Sub Assembled)																																															
	Key Blank Availability																																															
	Clutch Function																																															
	Classroom Function																																															
	CAM Options																																															
	Key/Key Double Cylinder Option																																															
	Anti pick pins																																															
	Anti Bump Pins																																															
	Anti Drill Pins - Housing																																															
	Anti Drill Pins - Barrel																																															
	10 Side Element Pins (16 Pin System)																																															
	5 Side Bar Pins (11 Pin System)																																															
	Marine Environment Options																																															
	KIK Insert																																															
	External Operating Device (Drill & Tap)																																															
	Single Thumbturn Option - ESK																																															
	Double Thumbturn Option - EKK																																															
	WC Cylinder Options																																															
	Standard Finishes (11no.)																																															
	Tigris Colourmatch																																															
	Split Finish Options																																															
	Environmentally Friendly Powder Coat Finishes																																															
Tigris® Standard	●	●	1	6	0	B	0	C	6	0	●					●		●	●	●		●			●	●	●																					
Tigris® Tristar	●	●	1	6	0	B	0	C	5	D	●	●	●	●	●	●	●	●	●	●		●			●		●	●	●			●																
Tigris® Plus	●	●	1	6	0	B	0	C	2	B	●	●	●	●	●	●	●	●	●	●		●			●		●	●	●	●	●			●														
Tigris® Premier 4	●	●	1	6	0	B	0	C	6	B/C/D	●	●	●	●	●	●	●	●	●	●		●			●		●	●	●	●	●	●			●													

		Euro Profile (common sizes upto 100mm, extended sizes available)																																																
	Patent protection to Key and Key Way	6 Pin Paracentric Profile	Single															Double																																
		40	45	50	55	60	65	70	75	80	85	90	95	100	Additional 5mm increments	3030	3035	3040	3045	3050	3055	3060	3065	3070	3530	3535	3540	3545	3550	3555	3560	3565	4030	4035	4040	4045	4050	4055	4060	4530	4540	4545	4550	4555	5030	5035	5040	5045	5050	
Tigris® Standard		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●		
Tigris® Tristar		●		●	●	●	●	●	●	●	●	●	●	●											●		●	●	●	●	●				●	●	●				●	●	●	●	●	●	●	●	●	
Tigris® Plus		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Tigris® Premier 4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	



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

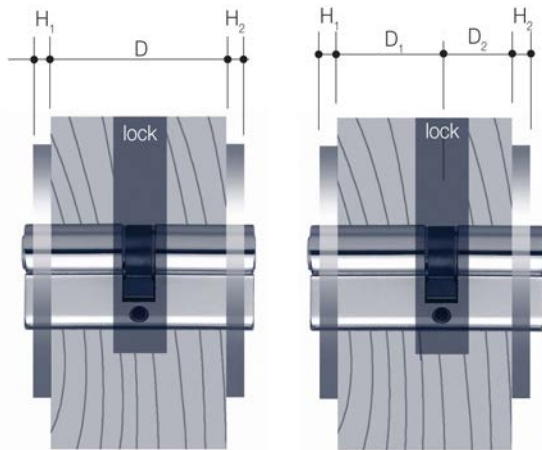
Simply calculate the overall length of cylinder:

Cyl. Length = $D + H_1 + H_2$
Select the 'next size up' from the list of cylinder sizes in the product selector ensuring that the projection does not exceed 3mm.

Please note, it may be necessary to adjust the thickness of the hardware.

Example:
 $54(D) + 12(H_1) + 12(H_2) = 78\text{mm}$
Use 40/40 cylinder = 80mm

(1mm projection each side)



For offset locks

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

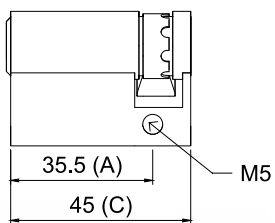
Cyl. length = $(D_1 + H_1) + (D_2 + H_2)$
Select the nearest combination up from the list of cylinder sizes.

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

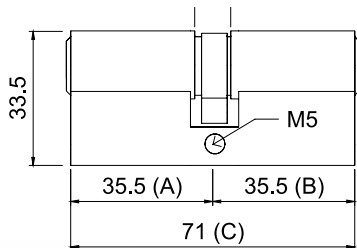
Specifier Beware

For external doors use security escutcheons

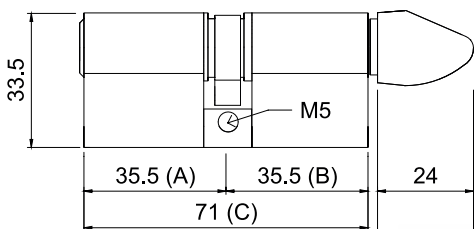
Euro Single



Euro Double



Euro Key & Turn



Product Code Builder

1	2	3	4	5	6	7	8
Select range based on system capabilities - Product Range	Select Cylinder Format	Select Cylinder Type	Select Cylinder Function	Select External Side (mm)	Select internal side (mm)	Select Finish	Select Special Functions
TP Tigris Premier TP2 Tigris PremierTWO TP3 Tigris Premier3 TP3 3S Tigris Premier3 3Star TP4 Tigris Premier4 TP4 3S Tigris Premier4 3Star TO Tigris OMEGA TX Tigris X-AKT TPP Tigris PLUS TS Tigris TT Tigris Tristar	MA Master Keyed SD Standard Differ KA Keyed Alike SA Sub Assembled	E Euro R Round O UK Oval SK Scandinavian Oval CL Cam Lock	S Single D Double K Key/Turn I Internal E External M Mortice C Rim	30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	02 Satin Nickel 04 Satin Brass 20 Polished Brass 11 Polished Chrome 50 Matt Black 51 Matt White 45 Light Bronze 44 Mid Bronze 46 Antique Bronze 47 DarkBronze CM Colour Match (RAL)	CL Clutch CR Classroom DH Dual Handing EKK Euro Double Turn ESK Euro Single Turn OKK Uk Oval Double Turn OSK UK Oval SingleTurn RMK Mortice Turn WC Bathroom Function SNT Accessible Turn 73mm SNT MINI Accessible Turn 53mm CON Construction Format DT External Operating Device Preparation AOT Architectural Oval Turn types only TOT Traditional Oval Turn LAT Large Architectural Turn RAT Round Architectural Turn HEWI Nylon Turn TURN-ALT Anti Ligature Turn KIK Padlock Insert

1 Specification Alert - Product Range

TP, TP2, TP3, TP3 3S, TP4 & TP4 3S are all PATENT protected key systems.
 TP3 & TP3 3S can be combined into a common system
 TP4 & TP4 3S can be combined into a common system
 TO, TX are service systems only and no longer available
 TPP, TS and TT are NON PATENT systems

6 Specification Alert - Internal Side Sizes

The Internal side size applies to Euro and UK Oval cylinder types only.
 TP3 3S & TP4 3S
 Maximum internal side size is 60mm
 TS
 Maximum side size is 55mm - maximum cylinder length 100mm

4 Specification Alert - Cylinder Function

S, D & K are only used with Euro and UK Oval cylinder types
 M & C are only used with Round cylinder types
 M is available in depths of 30mm and 40mm
 C does not require a side size to be specified
 I & E are only used with Scandinavian Oval cylinders

7 Specification Alert - Finish

Check product selector table to see what finishes are available on each range.
 Split finishes are available

5 Specification Alert - External Side Sizes

The External Side size applies to Euro and UK Oval cylinder types only.
 When specifying a Key/Turn cylinder always specify the external Key side first and the internal Turn side second
 TP3 3S TP4 3S & TT
 Minimum external side is 35mm
 Maximum External side is 60mm
 TS
 Maximum side size is 55mm, maximum cylinder size is 100mm

8 Specification Alert - Functions

Multiple functions are available on cylinders.
 Check product selector table to see what functions are available on each range.



Products



Euro Single **ES**



Euro Double **ED**



Euro Key/Turn **EKT**



Oval Single **OS**



Oval Double **OD**



Oval Key/Turn **OKT**



Scandinavian
External **SE**



Scandinavian
Internal **SI**



Rim Cylinder **RC**



Rim Mortice **RM**



Cam Lock **CL**



Padlock Open
Shackle



Padlock Close
Shackle



Euro Single Turn **ESK**



Euro Double Turn **EKK**



Oval Single Turn **OSK**



Oval Double Turn **OKK**



Rim Mortice Turn **RMK**



Turns



Elliptical **STD**



Architectural Oval **AOT**



Traditional Oval **TOT**



Large Architectural **LAT**



Round Architectural **RAT**



Standard Accessible **SNT**



Mini Accessible **SNT-MINI**



Anti-Ligature **ALT**





FINISHES

Standard Finishes

Satin stainless used to dominate commercial hardware — but times have changed. Now, an increasing demand for finishes like satin brass or dark bronze bring a distinctive feel to modern spaces.

We offer a variety of finishing techniques including:

- Powder coating
- Electrophoretic lacquering
- Electroplating
- Metal polishing or linishing

These techniques don't just match appearance — they also improve resilience, enhance durability, and reduce surface-level key wear and damage.

To accommodate this ever-changing aesthetic, Tigris cylinders are available in a standard range of the most popular choice of finishes.

SNP	Satin Nickel
SB	Satin Brass
PC	Polished
PB	Polished Brass
ABMA	Antique Bronze
DBMA	Dark Bronze
LBMA	Light Bronze
MBMA	Mid Bronze
MB	Black
MW	Matt White



Custom Finishes, Without Compromise

COLOURMATCH™ Finishes

When aesthetics matter as much as security, **COLOURMATCH™** delivers. Our bespoke in-house finishing service allows you to customise Tigris® Plus and Premier cylinders to match any hardware finish, flawlessly.

Whether you're working on a luxury residential build or standout commercial development, **COLOURMATCH™** binds design and durability in perfect harmony.

COLOURMATCH™ enables you to match any hardware tone or surface. If it's not part of our standard finish range, no problem — we'll colour match it. Your project, your finish not ours.

Our in-house process is environmentally friendly, low in energy, free from heavy chemicals, and 100% recyclable.

It's Not Just About Looks, **It's Certified.**

To change the surface finish of a 3-star cylinder isn't just a visual update — it's a technical modification. That's why all **COLOURMATCH™** finishes are applied in line with BSI TS 007-1:2024 standards.

The Access2 colour studio is fully accredited, going beyond style — guaranteeing peace of mind. Thanks to **COLOURMATCH™** your security solution maintains the highest level of performance, durability and compliance.



CERTIFICATION AND CONFORMITY

Although cylinder locks are a Construction Product, they are not categorised as harmonised product and therefore do not require CE marking.

At access2, it is paramount that our product compliance and conformity adheres to the highest possible standard. This ensures that not only do we provide products with the highest service levels, but that our product quality is best in class.

Tigris® Premier cylinders achieve the highest levels of product durability, key security and attack resistance in accordance with EN1303, the European product performance standard for cylinder locks.

A requirement of EN1303:2015 Annex D (informative), a Declaration of Compliance provides information relating to the product classification code in accordance with EN1303:2015, evidence of standards compliance, evidence of quality compliance and evidence of marking compliance. A Product Declaration of Compliance is available for each individual Tigris® cylinder range.

The fire resistance of Construction Products has come under increasing focus in recent years. Tigris® cylinders have been independently tested in accordance with EN1634-1 for fire safety by United Kingdom Testing and Certification, achieving both 30 and 60 minute fire ratings.



Although fire resistance testing is not a mandatory requirement for cylinder locks, at Access2 we believe that by demonstrating that our products are fire safe, we both reassure our product users and reinforce the fire safety of doors and building structures.

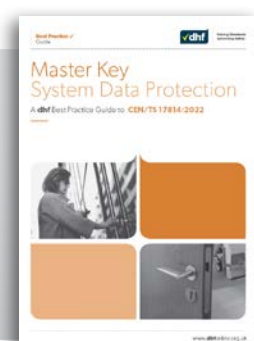
EN1303:2015 is the product performance standard for cylinder locks. CEN TS17814 was first introduced in 2022 to provide independent guidance on the provision of master key systems and the protection of data. TS17814 covers how cylinder locking systems should be designed, supplied, installed and maintained, to keep data safe.



Access2 is one of the few UK manufacturers that can provide master key systems in accordance with TS17814. A best practice guide has been produced by dhf that provides information relating to the use and implementation of TS17814.

First and foremost, cylinder locks are security products designed to protect and secure the places and spaces in which we live and work.

Tigris® cylinder locks have been developed to exceed the basic requirements of EN1303 and designed to withstand attacks from both skilled manipulation and brute force attack, including bumping, snapping and freezing.



Developed by dhf in 2011, TS007 is the foremost attack test for cylinders in the UK. Referenced by PAS24 which in turn is referenced in Building Regulations Part UK, TS007 was introduced to combat bumping and snapping of cylinder locks.

Replacement cylinders that achieve a three star rating provides an equivalent level of security to that of a cylinder included within a PAS24 security door.

Both Tigris® Premier and Trigris®Tristar® cylinders have been accredited to TS007-1 and include cylinder solutions at both 1* and 3* ratings. Independent continual assessment and verification is provided by BSI ensuring the highest levels of product manufacture and performance.

Access2 is one of only a few UK manufacturers that can construct TS007-1 cylinders into a wider master key system.



Alteration to the surface colour or finish of a cylinder is classed by BSI as a “*technical modification*” of the product. As a result, this modification process must be inspected as part of the Kitemark audit. If the process is not approved by BSI it will result in revocation and suspension of the issued Certificate.

Operating from a DSEAR approved on site paint studio, Access2 is the only UK manufacturer with an inhouse paint facility able to recolour and refinish cylinder locks, the process of which has been fully audited and accredited by BSI for the technical modification of cylinder locks to TS007-1.



Access2 has been fully audited by ISOQAR for management systems and process along with the much sought after JOSCAR accreditation.



Access2 is a member of the ‘Made in Britain’ organisation.

This prestigious membership is more than just a badge, it’s a testament to our unwavering commitment to British manufacturing, exceptional craftsmanship and cutting-edge security solutions.

‘Made in Britain’ means we proudly reinforce our dedication to producing high-quality, reliable, and sustainable access control solutions right here in the UK. British manufacturing has long been synonymous with trust, innovation, superior quality and we’re proud to contribute to this legacy.

The ‘Made in Britain’ mark is globally recognised, offering assurance that Access2 mechanical cylinder products meet the highest standards of craftsmanship, security and sustainability.

For our customers and partners, this means:

- Confidence in a UK-made product built to last
- A commitment to ethical sourcing and sustainable manufacturing
- Swift responses to industry needs, without reliance on overseas supply chains.





TOMORROWS KEY SYSTEMS TODAY

Access2 provide a range of access control solutions combining mechanical, mechatronic, digital and virtual key systems.





Mechatronic Key Systems

The ePRO mechatronic cylinder delivers the perfect fusion of mechanical durability and smart access control. Combining the safety and security of mechanical with the features and benefit of electronic, designed for versatility, ePro enhances traditional locking systems with intelligent electronic capabilities, without compromising security.

Perfect for management of remote sites or flexible control across multiple sites, mechatronic locking systems provide convenience without sacrificing security.



Digital Key Systems

Access2 is a proud partner of dormakaba, a global leader in secure access solutions. Together, we provide a comprehensive range of card and token-based access control solutions, tailored to meet the needs of sectors as diverse as hospitality, healthcare, multi-occupancy housing, and commercial buildings.

From initial specification to on-site installation and commissioning, we offer seamless support throughout. Whether it's for a smart office or a stylish hotel, our dormakaba offering guarantees reliability, compliance, and total peace of mind.



Virtual Key Systems

Utilising mobile phones as a credential, eliminates the need for physical keys, letting users unlock doors with a tap of a smartphone or complete hands-free operation by simply walking up to the door.

The ideal smart home or short term rental solution. Whether you're on the move, working remotely, or managing multiple properties, this is access control redefined, secure, smart, and always connected.



ACCESS2

TOMORROW'S KEY SYSTEMS, TODAY

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