MICO External Access Range

High Security External Access range, offering a multitude of key driven and padlockable security solutions and functions including panic and emergency escape.



The MICO External Access Range is an established High Security series of surface mounted external devices. Ranging from key driven access to padlockable solutions. MICO external access devices have been tested and are LPCB rated to SR 2,3,4,5 & 6 on selected doorsets. They are compatible with variants of the MICO single and multipoint panic escape hardware and offer a full Stainless Steel construction throughout.

Customer Care / Installation / Maintenance

At Tindall Engineering we pride ourselves on customer care. Based on trust, we have built up a solid customer base over the years through personal service, bespoke products, arrangements and a highly professional working environment. It doesn't stop with the sale, our site engineers are highly trained meaning we can offer a professional after sales service including installation, maintenance and repair.

Certifications

Security: The Loss Prevention Certification Board LPS1175 SR1, SR2, SR3, SR4, SR5 and SR6

LPS 1175 SR1 | LPS 1175 SR2 | LPS 1175 SR3 | LPS 1175 SR4 | LPS 1175 SR5 | LPS 1175 SR6

BLAST | 4HR FIRE | BALLISTIC | 1M CYCLES

Escape: BS EN 1125:2008 & BS EN 179:2008

BSEN 179 | BSEN 1125

Quality:

LPCB – Loss Prevention Certification Board

UKAS Management Systems 0007

Assessed to ISO 9001:2008
LPCB Cert No. 608

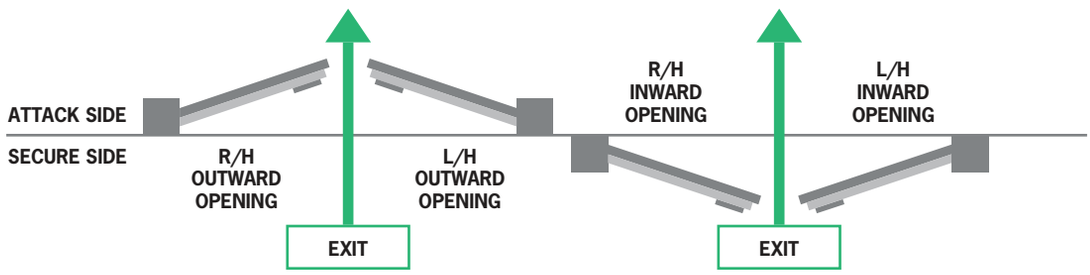
Ratings gained on selected locks on selected doorsets

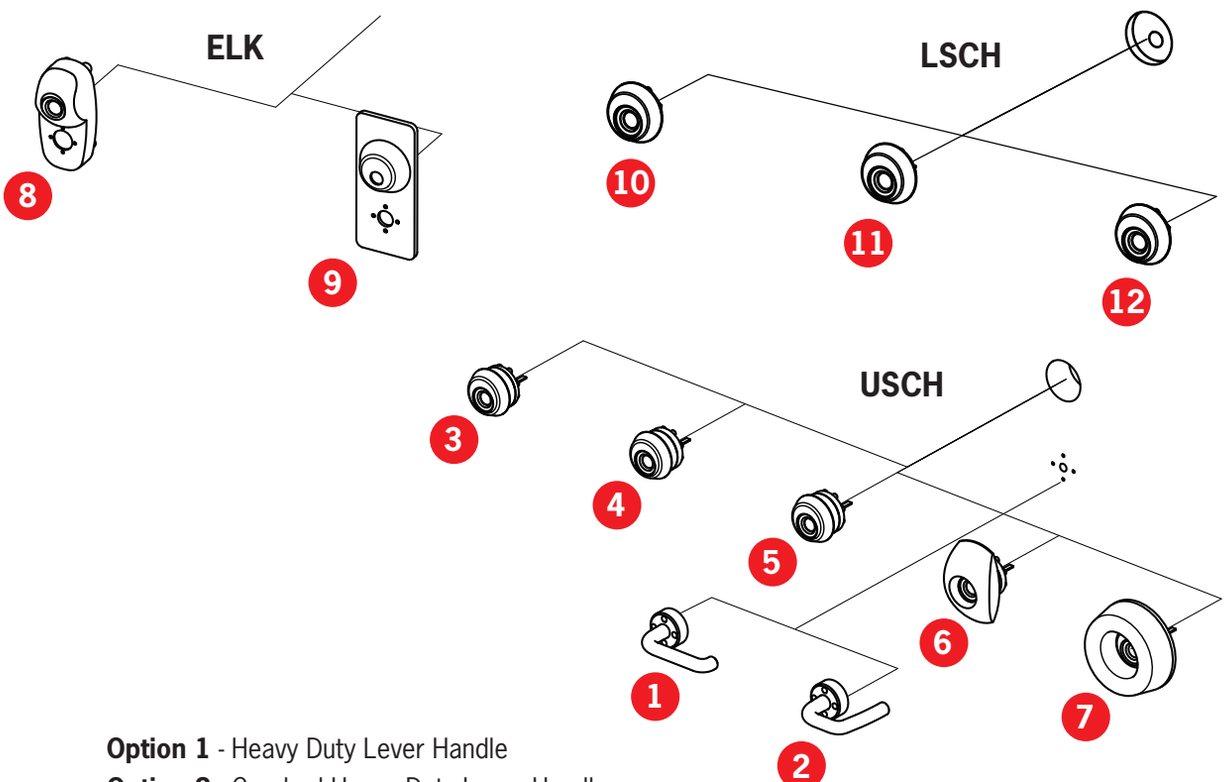
Technical Overview

Stainless Steel construction as standard.

Handing – This unit is handed as per diagram below add code when ordering.

Handing





Option 1 - Heavy Duty Lever Handle
Option 2 - Cranked Heavy Duty Lever Handle
Option 3 - USCH2
Option 4 - USCH3
Option 5 - USCH4
Option 6 - USCH5
Option 7 - USCH6
Option 8 - ELK Lite
Option 9 - ELK
Option 10 - LSCH2
Option 11 - LSCH3
Option 12 - LSCH4

HASP & STAPLE SR1

The MICO External Access Range is an established series of high security external locking devices ranging from key driven to padlockable solutions.

Our latest addition to this range is the new MICO Hasp & Staple SR1 device. This high quality, stainless steel device will allow free egress by operation of internal panic and emergency escape hardware, even when a padlock remains securely fastened to the external face.

Perimeter security can therefore be maintained whilst still providing a safe means of escape for staff and end users.

The protective hasp cover design shields the padlock and offers enhanced attack and weather resistance making the MICO Hasp & Staple SR1 ideally suited to hostile and remote external environments. Whilst this product has been specifically designed to operate in conjunction with MICO single and multipoint panic escape lock products it may also be compatible with other manufacturers locking systems which use an 8mm square spindle. Please contact our sales team for suitability.



Hasp & Staple SR1

OPERATION

Entry Method: Removal of the padlock allows users to gain entry by lifting the hasp and rotating clockwise or anti-clockwise to retract the locking device shoot bolt(s).

Exit Method: Operation of internal emergency or panic hardware permits single handed means of escape at all times, even when the device is padlocked.

FEATURES

- Surface mounted
- Retrofittable and easy to install – 4 No. fully concealed and tamperproof fixing points.
- Supplied with M8 machine screws as standard.
- Units are non-handed and suitable for steel and timber doors.

BENEFITS

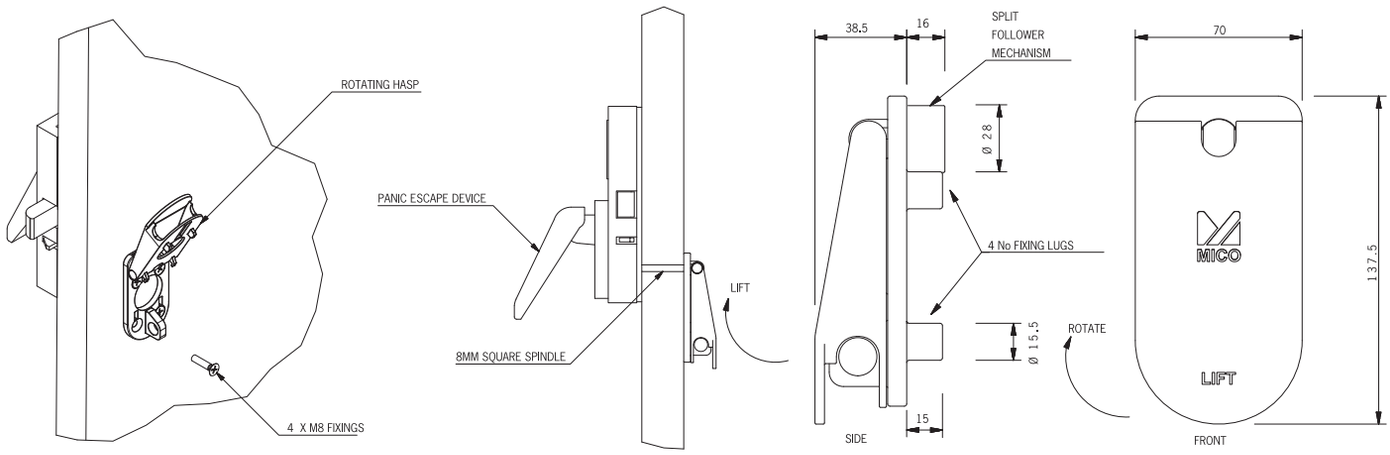
- Manufactured entirely from Grade 316 corrosion resistant stainless steel
- Tested and approved to LPS 1175 SR1 on compatible doorsets.
- Compatible with a wide range of padlocks from leading manufacturers including Squire, Abloy and Kaba. Designed to accept up to 14mm diameter open shackle padlocks.

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																										
	LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																		
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D													
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1		GR2	
3 Min	A3	B3							60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR1	200K
1 Min									30 SEC						RC1	BR1								

HASP & STAPLE SR1

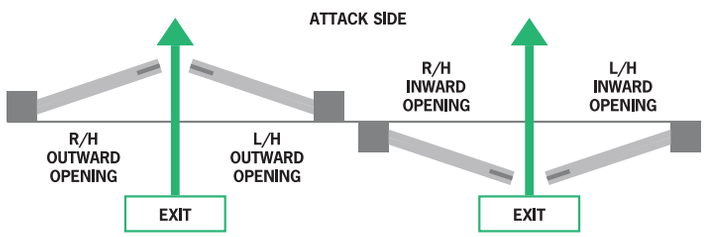
TECHNICAL DRAWINGS



CODING SYSTEM

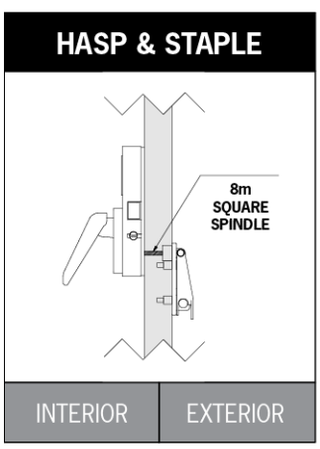
The MICO Hasp & Staple range has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO Hasp & Staple SR1



Range	Product Code
MICO HASP & STAPLE SR1	1-3004-700-040

EXAMPLE ENTRY/EXIT DIRECTIONS



HASP & STAPLE SR2

The MICO External Access Range is an established series of high security external locking devices ranging from key driven to padlockable solutions.

Our latest addition to this range is the new MICO Hasp & Staple SR2 device.

This high quality, stainless steel device will allow free egress by operation of internal panic and emergency escape hardware, even when a padlock remains securely fastened to the external face. Perimeter security can therefore be maintained whilst still providing a safe means of escape for staff and end users.

The protective hasp cover design shields the padlock and offers enhanced attack and weather resistance making the MICO Hasp & Staple SR2 ideally suited to hostile and remote external environments.

Whilst this product has been specifically designed to operate in conjunction with MICO single and multipoint panic escape lock products it may also be compatible with other manufacturers locking systems which use an 8mm square spindle. Please contact our sales team for suitability.



Hasp & Staple SR2

OPERATION

Entry Method: Removal of the padlock allows users to gain entry by lifting the hasp and rotating clockwise or anti-clockwise to retract the locking device shoot bolt(s).

Exit Method: Operation of internal emergency or panic hardware permits single handed means of escape at all times, even when the device is padlocked.

APPLICATIONS

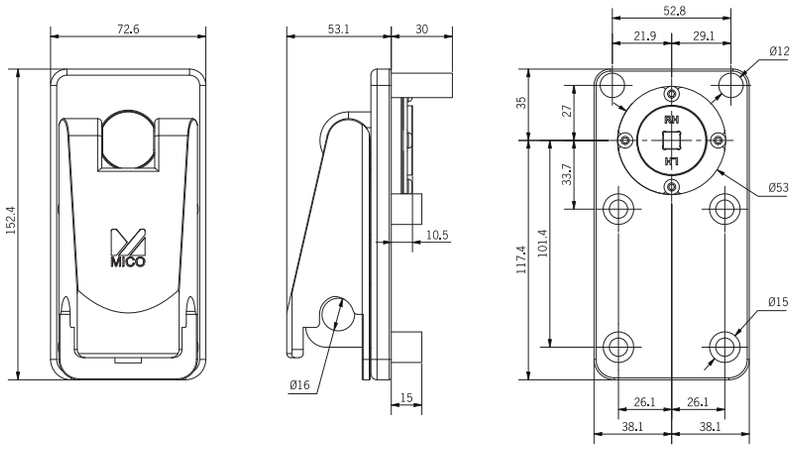
Suitable for medium risk security door locations where enhanced external security and rapid escape in the event of an emergency is required including electricity substation transformer rooms, plant rooms, gas cylinder storage facilities, pump rooms and chlorine storage rooms.

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																									
	LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																	
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D												
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1		GR2	
3 Min									60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR1	200K
1 Min									30 SEC						RC1	BR1								

HASP & STAPLE SR2

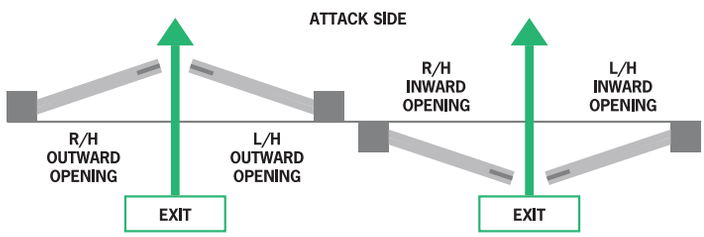
TECHNICAL DRAWINGS



CODING SYSTEM

The MICO Hasp & Staple has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO Hasp & Staple SR2



Range	Product Code
MICO HASP & STAPLE SR2	1-3004-700-027

HASP & STAPLE SR3

High security surface fixed external pad-lockable device is compatible with variants of the MICO Single and Multipoint panic escape hardware. The unique design offers panic escape at all times while secured from the external side with a pad-lock. Manufactured in full 316 stainless steel as standard. Tested and approved to LPS 1175 SR3 on selected door-sets.

The MICO Panic Hasp and Staple range is compatible with a wide range of padlocks from leading manufacturers such as Abloy, Kaba and Squire.



Hasp & Staple SR3

OPERATION

Entry Method: Removal of the padlock allows users to gain entry by lifting up the hasp and turning it clockwise or anti-clockwise to retract the internal shoot bolt of the MICO Panic escape system.

Exit Method: Even when the MICO Hasp and Staple is pad locked, the MICO internal hardware still allows for Panic Escape at all times.

APPLICATIONS

Suitable for areas where rapid escape in event of an emergency is required. These include Utilities such as water, power, gas, telecommunications, data centres, banks, hospitals and high value retail outlets.

OPTIONS

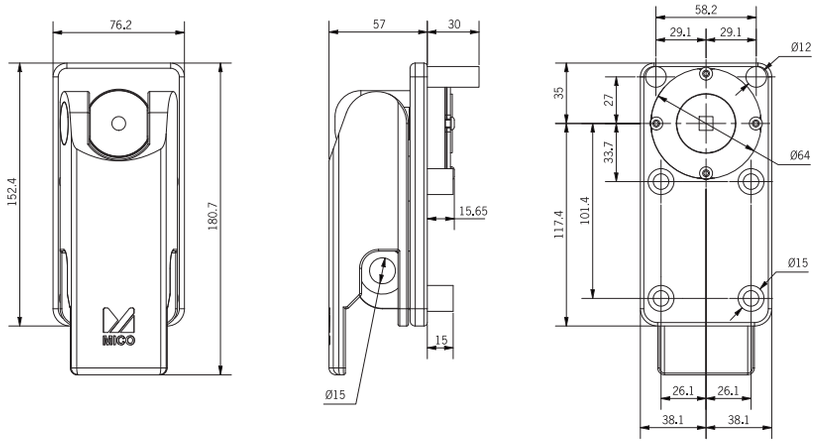
Compatible with a wide range of padlocks from Abloy, Kaba and Squire.

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																										
	LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																		
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D													
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1			
3 Min									60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR2	200K
1 Min									30 SEC						RC1	BR1							GR1	

HASP & STAPLE SR3

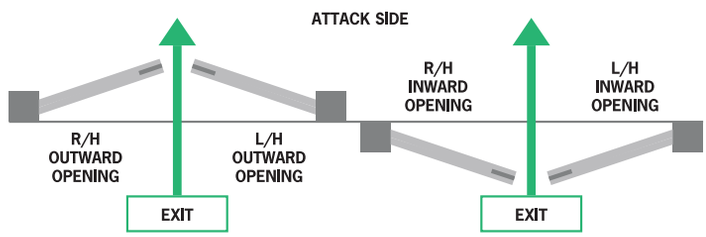
TECHNICAL DRAWINGS



CODING SYSTEM

The MICO Hasp & Staple has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO Hasp & Staple SR3



Range	Product Code
MICO HASP & STAPLE SR3	1-3004-700-028

USCH 2, 3, 4

The MICO external locking attachment cylinder guards (USCH) are designed to shield and securely house the key cylinder, protecting it from a sustained, targeted attack.

Designed to support the range of MICO Multipoint and single-point deadlocking systems, the cylinder guard provides further protection by using a secure cylinder tail to connect the key cylinder to the locking unit.

The USCH cylinder guards have been tested and approved on selected doorsets to LPS 1175 SR2, SR3 and SR4 standards, and each come with a heavy-duty external lever handle as standard.



USCH 3



USCH 4

OPERATION

Cylinder guards are fitted over a Scandinavian Oval Rim, Euro-profile, or Round Rim key cylinder, and provide external protection from a physical attack. Entry and exit methods are the same as the locking system they are connected to, using the key cylinder and lever handle.

FEATURES

- Supplied with heavy duty external lever handle, with ergonomic cranked handle also available.
- Range of guards have been tested and approved to LPS 1175 SR2, SR3 and SR4 on selected doorsets, providing varying levels of security.
- Designed for use with Scandinavian Oval Rim, Euro profile or Round Rim cylinders.

BENEFITS

- The MICO external cylinder guards offer protection for one of the most target parts of a locking system from physical attack.
- Cylinder guards are made from bespoke materials to help resist extended drilling attacks.
- Compatible with all MICO multipoint and single point deadlocking systems.
- Versatile applications that protect from a range of different physical entry methods from the opportunistic to more sustained professional attacks using power tools.

OPTIONS

Designed for use with Scandinavian Oval Rim cylinders as standard, but are also compatible with Euro profile and Round Rim cylinders on selected lock ranges.

USCH 2 – SR2 rated cylinder guard (on selected doorsets) with heavy duty external lever handle.

USCH 3 – SR3 rated cylinder guard (on selected doorsets) with heavy duty external lever handle.

USCH 4 – SR4 rated cylinder guard (on selected doorsets) with heavy duty external lever handle.

CHDL – Cranked handle for ergonomic, lighter operation.

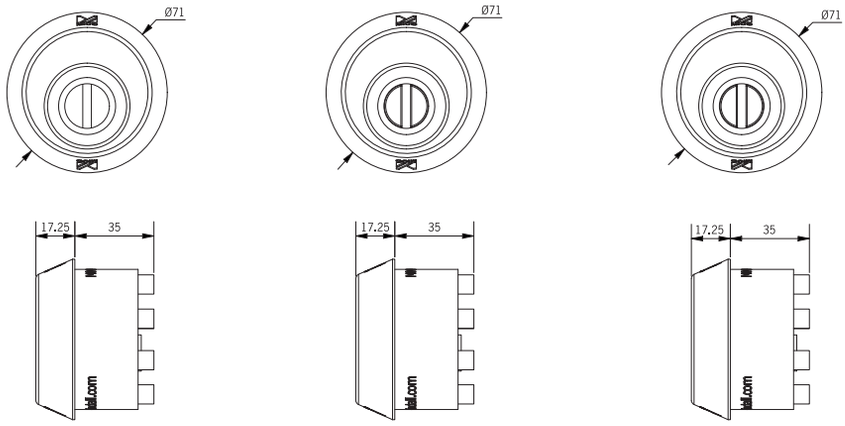
Secured by Design

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																										
	LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																		
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D													
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min	A10	B10	C10	D10					180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1		GR2	200K
3 Min									60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR1	
1 Min									30 SEC						RC1	BR1								

This is a combined performance table – please call our sales team for more specific information.

TECHNICAL DRAWINGS



CODING SYSTEM

The MICO USCH has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO USCH 2

Range	Product Code	Type
USCH	USCH2	SR2 rated cylinder guard with heavy duty external lever handle.
	USCH3	SR3 rated cylinder guard with heavy duty external lever handle.
	USCH4	SR4 rated cylinder guard with heavy duty external lever handle.
	USCH5	SR5 rated cylinder guard with heavy duty external lever handle.
	USCH6	SR6 rated cylinder guard with heavy duty external lever handle.

USCH 5

The MICO external locking attachment cylinder guards (USCH) are designed to shield and securely house the key cylinder, protecting it from a sustained, targeted attack.

Designed to support the range of MICO Multipoint and single-point deadlocking systems, the cylinder guard provides further protection by using a secure cylinder tail to connect the key cylinder to the locking unit.

The USCH 5 cylinder guard has been tested and approved on selected doorsets to LPS 1175 SR5 standards, and each come with a heavy-duty external lever handle as standard



USCH 5

OPERATION

Cylinder guards are fitted over a Scandinavian Oval Rim, Euro-profile, or Round Rim key cylinder, and provide external protection from a physical attack. Entry and exit methods are the same as the locking system they are connected to, using the key cylinder and lever handle.

FEATURES

- Supplied with heavy duty external lever handle, with ergonomic cranked handle also available.
- Range of guards have been tested and approved to LPS 1175 SR5 on selected doorsets, providing an enhanced level of security against professional physical entry attempts.
- Designed for use with Scandinavian Oval Rim, Euro profile or Round Rim cylinders.

BENEFITS

- The MICO external cylinder guards offer protection for one of the most target parts of a locking system from physical attack.
- Cylinder guards are made from bespoke materials to help resist extended drilling attacks.
- Compatible with all MICO multipoint and single point deadlocking systems.
- An elevated level of physical protection that helps to prevent sophisticated, high-powered break-in attempts, making it suited for protecting valuable assets such as those held by banks, high value retail outlets, data centres, telecommunication hubs and parts of national infrastructure.

OPTIONS

Designed for use with Scandinavian Oval Rim cylinders as standard, but are also compatible with Euro profile and Round Rim cylinders.

USCH 5 – SR5 rated cylinder guard (on selected doorsets) with heavy duty external lever handle.

CHDL – Cranked handle for ergonomic, lighter operation.

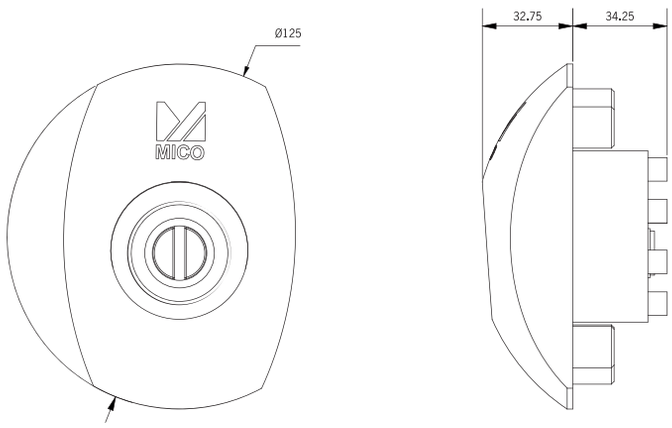
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Official Police Security Initiative

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																									
	LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																	
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D												
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min	A10	B10	C10	D10	E10				180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1		GR2	200K
3 Min									60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR1	
1 Min									30 SEC						RC1	BR1								

TECHNICAL DRAWINGS



CODING SYSTEM

The MICO USCH has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO USCH 5

Range	Product Code	Type
USCH	USCH2	SR2 rated cylinder guard with heavy duty external lever handle.
	USCH3	SR3 rated cylinder guard with heavy duty external lever handle.
	USCH4	SR4 rated cylinder guard with heavy duty external lever handle.
	USCH5	SR5 rated cylinder guard with heavy duty external lever handle.
	USCH6	SR6 rated cylinder guard with heavy duty external lever handle.

USCH 6

The MICO external locking attachment **(USCH)** has been specifically designed to house and protect the cylinder from a sustained attack. A Cylinder Tail connects the Key Cylinder to the MICO unit. Tested and approved on selected doorsets to LPS 1175 SR6. The MICO USCH 6 is supplied with an external heavy duty lever handle.



USCH 6

OPERATION

Entry via Key Cylinder and lever handle.

The MICO USCH 6 has been specially designed for a higher level of security where the possibility of a sustained attack may occur. Manufactured from bespoke hi-tech materials to resist a drilling attack. Compatible with all MICO Multipoint and Single-point deadlocking system.

APPLICATIONS

Suitable for use in areas where security is of paramount importance and where an attack may come from an experienced attempt at forced entry using bodily physical force and a wide selection of attack options. These include utilities such as water, power, gas, telecommunications, data centres, banks and high value retail outlets.

OPTIONS

MICO USCH 6 - Complete with heavy duty Stainless steel external lever handle.

For use with Scandinavian Oval Rim as standard, Euro Profile and Round Rim cylinders.

CHDL = Ergonomically designed Cranked Handle for lighter more user friendly operation.

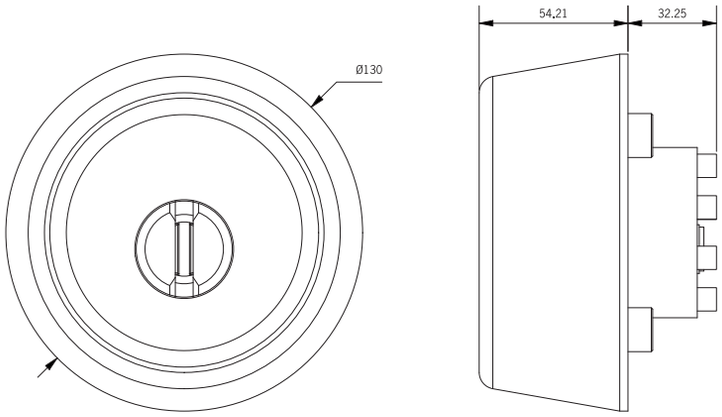
Secured by Design

Official Police Security Initiative

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																								
	LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1			
3 Min									60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR2	200K
1 Min									30 SEC						RC1	BR1							GR1	

TECHNICAL DRAWINGS



CODING SYSTEM

The MICO USCH has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO USCH 6

Range	Product Code	Type
USCH	USCH2	SR2 rated cylinder guard with heavy duty external lever handle.
	USCH3	SR3 rated cylinder guard with heavy duty external lever handle.
	USCH4	SR4 rated cylinder guard with heavy duty external lever handle.
	USCH5	SR5 rated cylinder guard with heavy duty external lever handle.
	USCH6	SR6 rated cylinder guard with heavy duty external lever handle.

LSCH 2, 3, 4

The MICO external locking attachment cylinder guards (LSCH) are designed to shield and securely house the key cylinder, protecting it from a sustained, targeted attack.

Designed to support the range of MICO Multipoint and single-point deadlocking systems, the cylinder guard provides further protection by using a secure cylinder tail to connect the key cylinder to the locking unit.

The LSCH cylinder guards have been tested and approved on selected doorsets to LPS 1175 SR2, SR3 and SR4 standards, and each come with a heavy-duty external lever handle as standard.



LSCH 3

OPERATION

Cylinder guards are fitted over a Euro-profile key cylinder, and provide external protection from a physical attack. Entry and exit methods are the same as the locking system they are connected to, using the key cylinder and lever handle.

FEATURES

- Supplied with heavy duty external lever handle, with ergonomic cranked handle also available.
- Range of guards have been tested and approved to LPS 1175 SR2, SR3 and SR4 on selected doorsets, providing varying levels of security.
- Designed for use with Euro profile cylinders.

BENEFITS

- The MICO external cylinder guards offer protection for one of the most target parts of a locking system from physical attack.
- Cylinder guards are made from bespoke materials to help resist extended drilling attacks.
- Compatible with all MICO multipoint and single-point deadlocking systems.
- Versatile applications that protect from a range of different physical entry methods from the opportunistic to more sustained professional attacks using power tools.

OPTIONS

Designed for use with Euro profile cylinders.

LSCH 2 – SR2 rated cylinder guard (on selected doorsets) with heavy duty external lever handle.

LSCH 3 – SR3 rated cylinder guard (on selected doorsets) with heavy duty external lever handle.

LSCH 4 – SR4 rated cylinder guard (on selected doorsets) with heavy duty external lever handle.

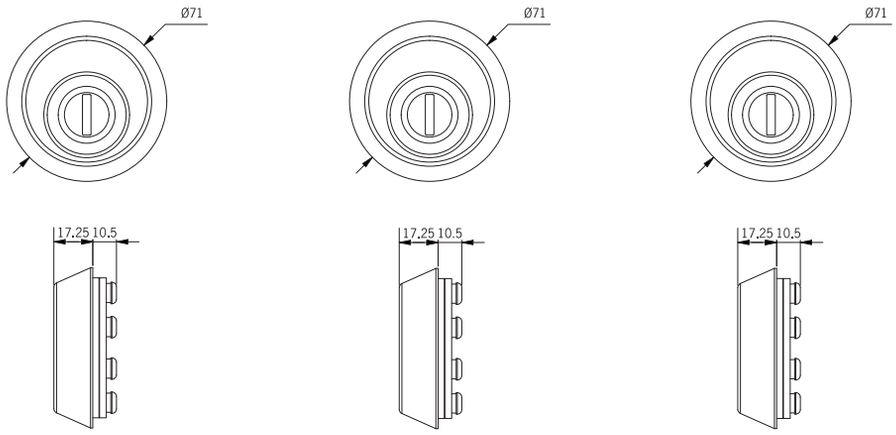
CHDL – Cranked handle for ergonomic, lighter operation.

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																											
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES		
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																			
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D														
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL		
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4			
10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K		
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1					
3 Min	A3	B3							60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR2	200K		
1 Min									30 SEC						RC1	BR1							GR1			

This is a combined performance table – please call our sales team for more specific information.

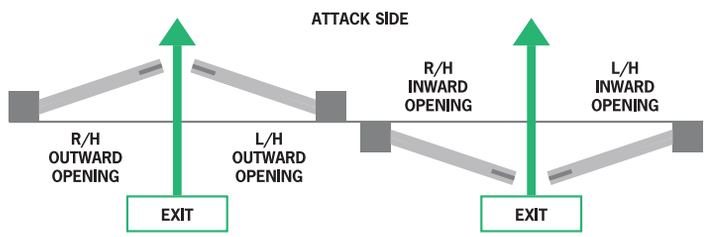
TECHNICAL DRAWINGS



CODING SYSTEM

The MICO LSCH has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO LSCH 2



Range	Product Code	Type
LSCH	LSCH2	SR2 rated cylinder guard designed for Euro profile key cylinders.
	LSCH3	SR3 rated cylinder guard designed for Euro profile key cylinders.
	LSCH4	SR4 rated cylinder guard designed for Euro profile key cylinders.

ELK

MICO ELK external device offers protection for Scandinavian Oval cylinders from physical attack. The outer casing is designed to resist impact from a sustained attack.

The MICO ELK range is compatible with MICO Multipoint Panic and Emergency locking systems . Key retention is fitted as standard ensuring the system will deadlock once the key Is removed. Supplied with Scandinavian Oval rim cylinder as standard. Tested and approved to LPS 1175 SR2, 3 and 4 (on selected doorsets.)



ELK

OPERATION

Entry Method: : Via key cylinder and operation of lever handle. Supplied with Scandinavian Oval Rim cylinder as standard.

Key retention facility fitted as standard ensuring the system will automatically re-deadlock once the key is removed.

FEATURES

- Tested to over 1,000,000 cycles
- Optional micro-switch monitoring
- Recessed into the door for higher level resistance against physical attack.
- To suit euro-profile cylinder on request

BENEFITS

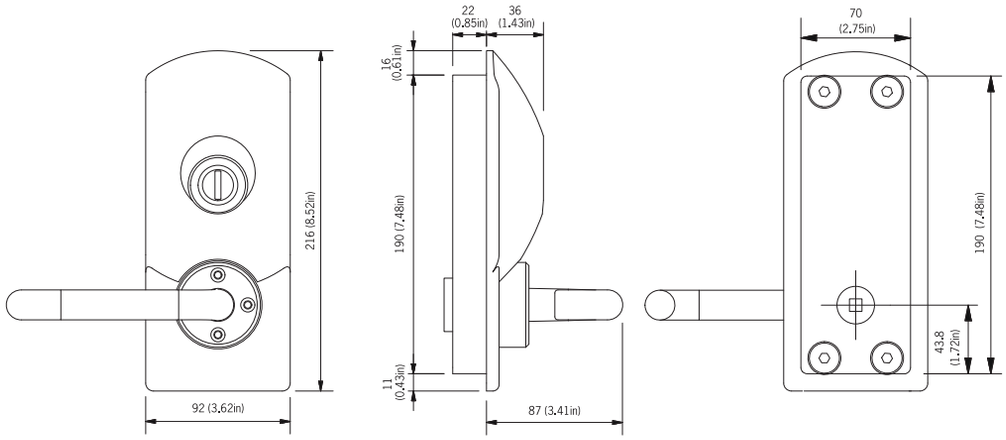
- Tested and approved up to SR4 (on selected doorsets)
- Stainless steel construction
- Offers enhanced security protection for Scandinavian oval Rim cylinders.

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																								
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1			
3 Min									60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR2	200K
1 Min									30 SEC						RC1	BR1							GR1	

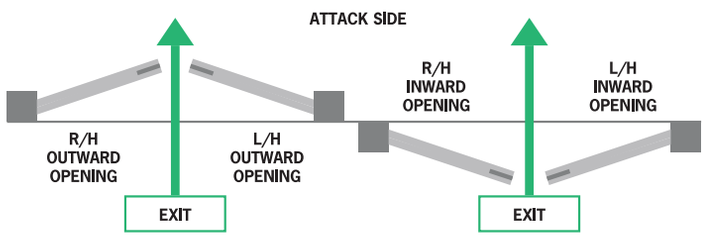
This is a combined performance table – please call our sales team for more specific information.

TECHNICAL DRAWINGS



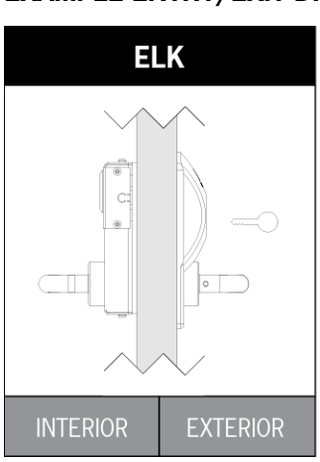
CODING SYSTEM

The MICO ELK has a simple code that covers the chosen methods of entry and exit, followed by additional options.



Range	Product Code	Type	Additional Options
ELK	ELK AD SR2	Auto deadlocking	Micro-switch Monitoring
	ELK AD SR3	Auto deadlocking	
	ELK AD SR4	Auto deadlocking	
	ELK MD SR3	Manual deadlocking	
	ELK MD SR3	Manual deadlocking	
	ELK MD SR4	Manual deadlocking	

EXAMPLE ENTRY/EXIT DIRECTIONS



ELK LITE

The MICO ELK Lite Range of high-quality stainless-steel key-driven lockable handle sets are designed to withstand opportunist or professional door entry attacks, and can resist impact attacks, as well as forced rotation, removal or drilling into the key cylinder.

The modular design is designed for use with the MICO INT and EVO Multipoint ranges, Panic Escape (PE) versions of our MICO Elite and Abryll single-point locks, as well as other compatible 8mm square handle spindle locking products.

Rigorously tested to over 1 million cycles, the MICO ELK Lite Range has LPS 1175 Security Rating SR2 (SR3 on compatible doorsets).



Elk Lite Front



Elk Lite Side

OPERATION

Entry Method: Via key cylinder and operation of lever handle. Supplied with Euro-profile cylinder as standard.

Key retention facility fitted as standard ensuring the system will automatically re-deadlock once the key is removed.

FEATURES

- Tested to over 1,000,000 cycles
- Surface fitted
- Optional micro-switch monitoring

BENEFITS

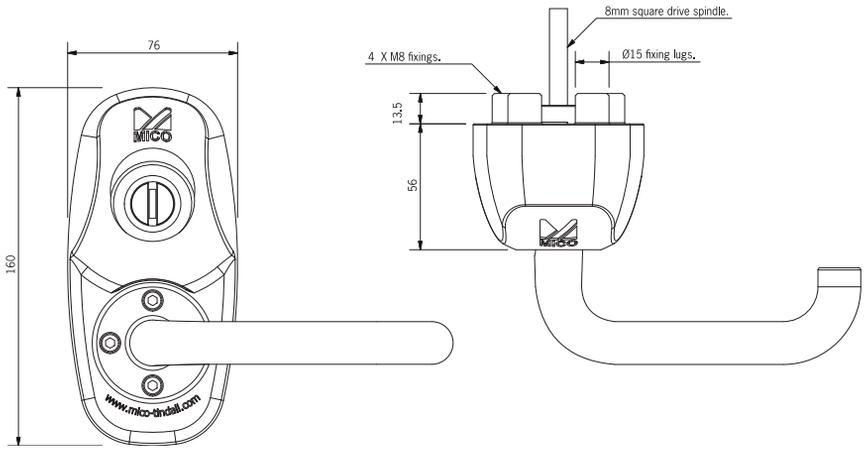
- Tested and approved up to SR3 (on selected doorsets)
- Stainless steel construction
- Offers enhanced security protection for Scandinavian oval Rim cylinders.

Secured by Design

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

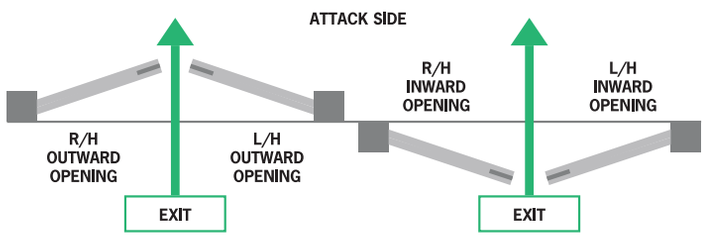
SECURITY																									
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																	
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D												
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1			
3 Min	A3	B3							60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR2	200K
1 Min									30 SEC						RC1	BR1							GR1	

TECHNICAL DRAWINGS



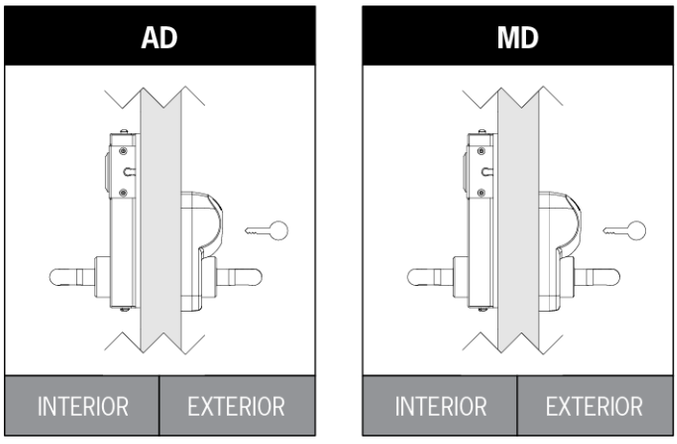
CODING SYSTEM

The MICO ELK LITE has a simple code that covers the chosen methods of entry and exit, followed by additional options.



Range	Product Code	Type	Additional Options
ELK LITE	ELK LITE AD SR2	Auto deadlocking	Micro-switch Monitoring
	ELK LITE AD SR3	Auto deadlocking	
	ELK LITE MD SR2	Manual deadlocking	
	ELK LITE MD SR3	Manual deadlocking	

EXAMPLE ENTRY/EXIT DIRECTIONS



MLK

The MLK is a basic cost-effective exit device with key and lever handle for panic/emergency exit doors. MLK's are surface mounted and provide a higher level of physical protection than commercially available exit devices.

The MLK modular design enables them to operate MICO panic/emergency systems, as well as devices from other manufacturers subject to testing. Please contact our sales team for suitability.



MLK

OPERATION

Entry Method: Via key cylinder and operation of lever handle.

Key retention facility fitted as standard ensuring the system will automatically re-deadlock once the key is removed.

FEATURES

- Tested to over 1,000,000 cycles
- Surface fitted

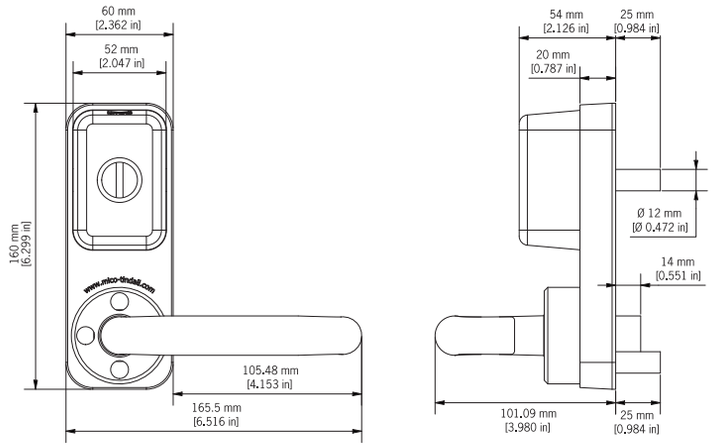
BENEFITS

- Tested and approved to LPS 1175 B3 (SR2)
- Meets BS EN 1670:2007 Grade 5 corrosion resistant accreditation

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																								
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1			
3 Min	A3	B3							60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR2	200K
1 Min									30 SEC						RC1	BR1							GR1	

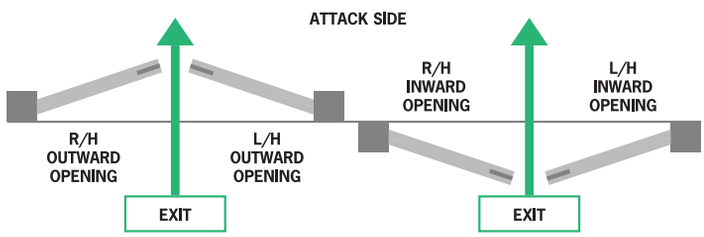
TECHNICAL DRAWINGS



CODING SYSTEM

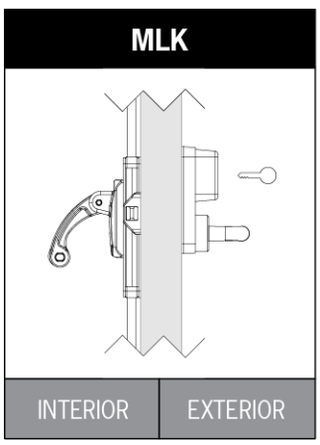
The MICO MLK has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO MLK AD SR2



Range	Product Code	Type
MLK	MLK AD SR2	Auto deadlocking
	MLK MD SR2	Manual deadlocking

EXAMPLE ENTRY/EXIT DIRECTIONS



MLK EM

The MICO MLK EM is a micromotor deadlocking external handle suitable for all proprietary 12v/24v access control systems where high security, convenience, and an audit trail are required.

The built-in micromotor unit unlocks the deadlock, allowing the handle to be depressed and the bolts to be retracted.



MLK EM

OPERATION

Entry Method: Swipe/ access control and lever handle .

Key retention facility fitted as standard ensuring the system will automatically re-deadlock once the key is removed.

FEATURES

- 8 mm square spindle
- Supplied with Euro-profile cylinder as standard, other profiles avaliable on request
- Micromotor operated via 12v/24v power supply
- Deadlock status micro-switch fitted as standard
- Modular design will also operate other locking products that accept an 8 mm square spindle with the correct operational rotation
- Tested to over 500,000 cycles
- Brushed Stainless steel construction as standard for corrosion resistance and durability
- Key retention facility fitted as standard

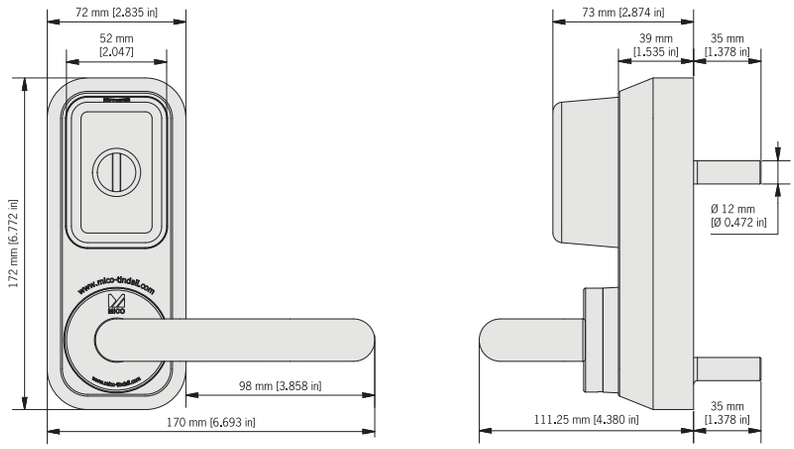
BENEFITS

- Provides access control entry to a panic or emergency exit door
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- Heavy-duty design with no visible mounting screws
- Tested and certified to BS EN 60529 IP 54, EN IEC 61000-6-2, EN IEC 61000-6-3 & FCC CFR 47 Part 15B Class B
- Compatible with most MICO panic & emergency escape systems and maintaining the CE mark under BS EN 179 and BS EN 1125
- Enhanced security protection for Euro-profile, Scan oval and round rim cylinders

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																									
	LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																	
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D												
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 Min									240 SEC						RC5	BR5						EN 1634-1	GR4	
10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1			
3 Min									60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR2	200K
1 Min									30 SEC						RC1	BR1							GR1	

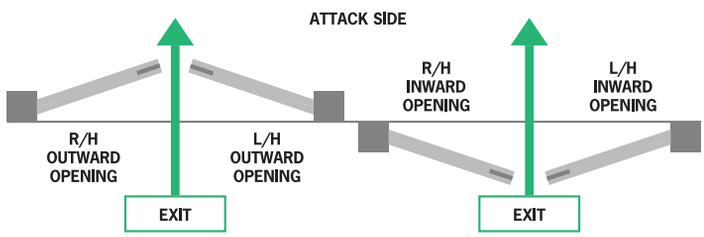
TECHNICAL DRAWINGS



CODING SYSTEM

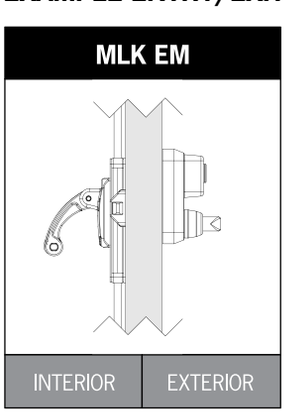
The MICO MLK EM has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MLKEM-RRMLS-RH



Product Code	Cylinder Profile		Re-Locking		Operator Type		Handing	
MLK EM	RR	Round Rim	A	Auto (Key retained)	LS	Lever handle (Tubular straight)	XX	Non-handed
	SO	Scan Oval					RH	Right hand
	EU	Euro-profile			US	Profile handle (Straight)		
	SF	Small format removeable core					LH	Left hand

EXAMPLE ENTRY/EXIT DIRECTIONS



PADLOCKABLE CYLINDER COVER

Designed to provide formidable supplementary protection to round rim locking cylinders, the MICO Padlockable Cylinder provides an extra layer of protection by preventing easy access to the exposed key cylinder.

Utilising a heavy-duty hasp shield, the cover is secured with a padlock, protecting the locking mechanism and key cylinder in a way that makes the Padlockable Cylinder Cover ideal for external doors in remote and harsher environments.

The Padlockable Cylinder Cover has been specially designed for the MICO Rimlock range of round rim locking devices. However, it is also compatible with other round rim cylinder-based locking products.



Padlockable Cylinder Cover



Padlockable Cylinder Cover Open

OPERATION

Padlockable hasp and staple cover, which can be lifted to reveal the round rim cylinder.

Entry Method: Unlocking and removing the padlock, before lifting the hasp to enable access to the round rim cylinder and therefore operation of the existing locking system.

Exit Method: Existing locking system exit functions as normal even when the device is padlocked. For example, operating the internal thumbturn of a MICO Rimlock with fitted Padlockable cover will still retract the latch/deadbolt whether a padlock is fitted or not.

FEATURES

- Compatible with MICO Rimlock and other locking systems with a round rim or Scandinavian oval key cylinder.
- Functions with leading open shackle padlocks with a diameter up to 14mm.
- Locking system functions even when cover is padlocked.
- Stainless steel construction with Grade 5 corrosion resistance.
- Non-handed system.

BENEFITS

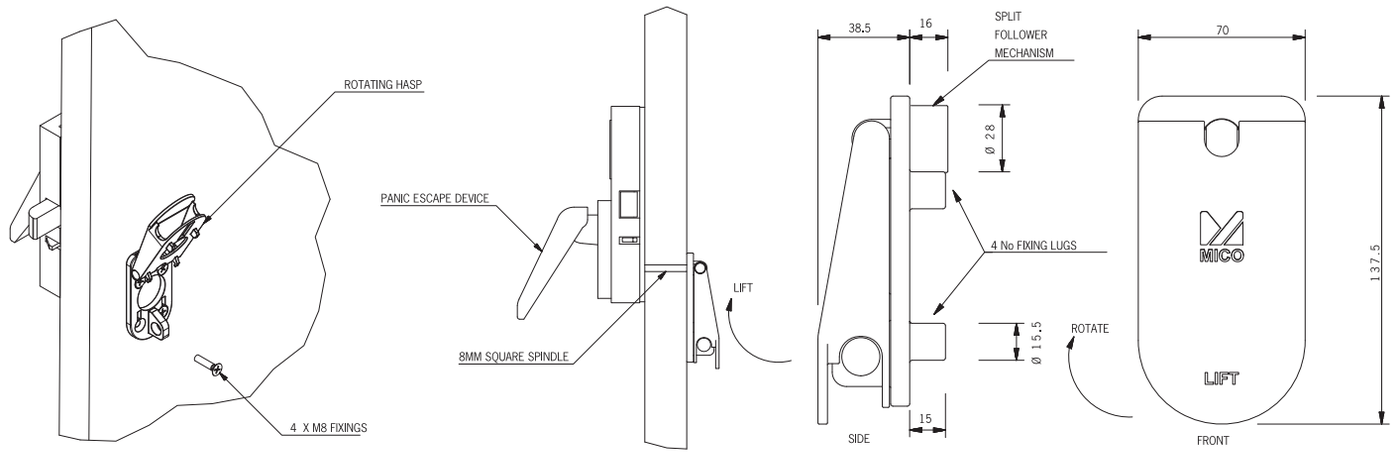
- Enhanced cylinder protection and corrosion resistance makes it highly suited for external environments.
- Tested and approved to LPS 1175 SR2 (On compatible doorsets with compatible locking systems).
- Easy to install and retrofit, using four concealed and tamperproof fixing points and standard M8 machine screws.
- Can be fitted to timber or steel doors.

Product Perfomance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly

SECURITY																										
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																		
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D													
20 Min									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
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10 Min									180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
5 Min									120 SEC						RC3	BR3					ASTM F2927 Cat 1			
3 Min	A3	B3							60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR2	200K
1 Min									30 SEC						RC1	BR1							GR1	

PADLOCKABLE CYLINDER COVER

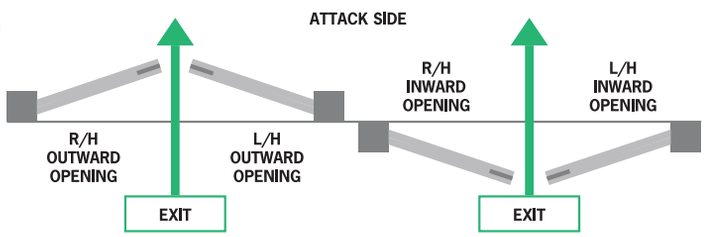
TECHNICAL DRAWINGS



CODING SYSTEM

The MICO padlockable cover range has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – 1-3004-700-045



Range	Product Code
MICO PADLOCK CYLINDER COVER	1-3004-700-045

MADE IN BRITAIN

Assessed to ISO 9001
LPCB Cert. No. 608

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