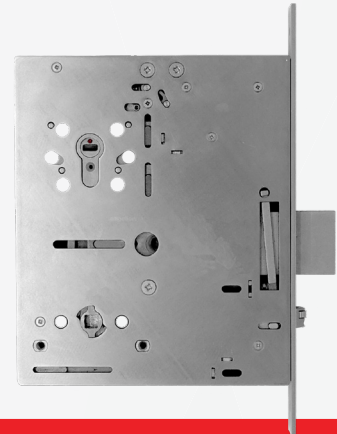


The Tyne is a high-performance, single-point mortice locking system available with a 127 mm (5") or a 76 mm (3") backset. Tested and certified to international standards for forced entry resistance, life safety, and fire protection, the range is suitable for nearly every application.

Entry options include key or access control with lever handle and a choice of controlled or life safety panic and emergency egress operators. Manufactured from Grade 316 stainless steel for hostile environments and durability.



5" TYNE



3" TYNE

FEATURES

- Mortice-fitted
- 40 mm (1 1/2") x 15 mm (5/8") bolt x 25 mm (1") throw
- 127 mm (5") & 76 mm (3") backset options available
- Grade 316 stainless steel suitable for hostile environments
- Proven rack & pinion driven
- Tested to over 1,000,000 cycles
- To suit rim or Euro profile cylinders (order cylinder separately)
- 12V DC fail secure as standard

BENEFITS

- Choice of securing upon door closure (automatic or manual)
- Certified to a range of international security and life safety standards (see Product Performance Chart)
- Suitable for hostile environments
- Engineered for longevity and trouble-free service

OPTIONAL ENHANCEMENTS

- Monitoring of bolt & lock status
- External key override on access control locking systems in case of power failure
- Cylinder guard protection available from our tested and accredited range (Euro profile only)
- Breakdome over thumbturn to override access control and enable exit
- 24V DC fail secure, 12V DC or 24V DC fail safe
- Further enhancements are available

PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
Product certification is subject to the chosen lock configuration, for full details please contact the sales office.



SECURITY																	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES		
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202							PAS 24	LPS 2081
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	60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
20 MIN									300 SEC	A300E	B300E	C300E			RC5	BR5			EN 179	UL752 Level 1-10	ASTM F2927 Cat 1	CERTIFIRE	GR3	500K
15 MIN									240 SEC						RC4	BR4			UL 305	NIJ 0108.01 Level 4	BS 476-22	GR2	200K	
10 MIN									180 SEC					15	RC3	BR3	SRA	UL 305	NIJ 0108.01 Level 4	ASTM F2927 Cat 1	CERTIFIRE	GR2	200K	
5 MIN	A5	B5	C5						120 SEC					RC2	BR2									
3 MIN									60 SEC					5	RC1	BR1								
1 MIN									30 SEC															

INSTALLATION

MORTICE FITTED

For concealed security

ENTRY FUNCTION (OPTIONS)

KEY & LEVER HANDLE

Key to unlock & lever handle to release

ACCESS CONTROL & LEVER HANDLE

Access control to unlock & lever handle to release

EXIT FUNCTION (OPTIONS)

PANIC BAR

Life safety panic exit

EMERGENCY – PUSH PAD

Single operation exit

EMERGENCY – LEVER HANDLE

Single operation exit

KEY & LEVER HANDLE

Key to unlock & lever handle to release

THUMBTURN & LEVER HANDLE

Thumbturn to unlock & lever handle to release

BREAK DOME & LEVER HANDLE

Break dome & thumbturn to unlock & lever handle to release

ACCESS CONTROL & LEVER HANDLE

Access control to unlock & lever handle to release

BOLT FUNCTION (OPTIONS)

AUTO BOLTING

Automatic bolting upon door closure

LOCK FUNCTION (OPTIONS)

AUTO DEADLOCKING

Automatic deadlocking upon door closure
(Storeroom function)

MANUAL DEADLOCKING

Manual deadlocking upon door closure
(Classroom function)

NO DEADLOCKING

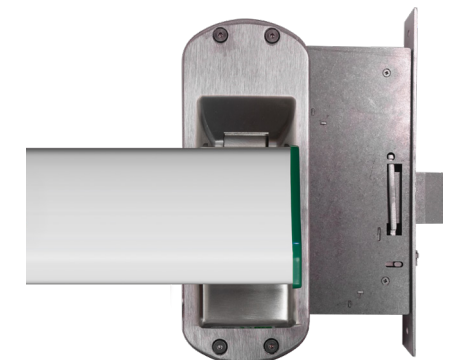
Bolting only



ACCESS CONTROL & LEVER
WITH KEY OVERRIDE
(RIM CYLINDER)

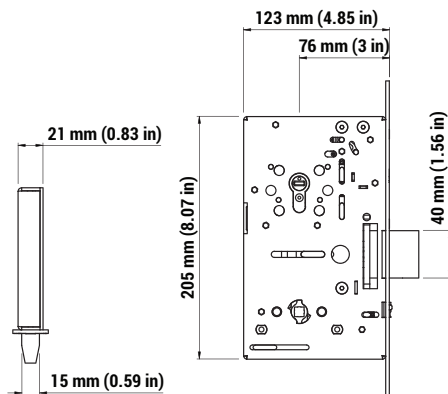


EMERGENCY ESCAPE
WITH CRANKED HANDLE

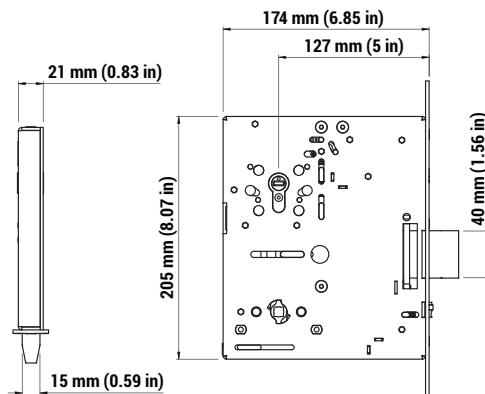


PANIC EXIT

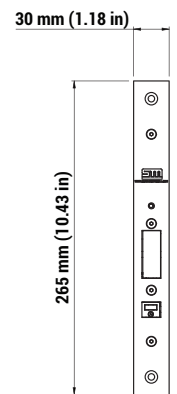
TYNE TECHNICAL DRAWINGS



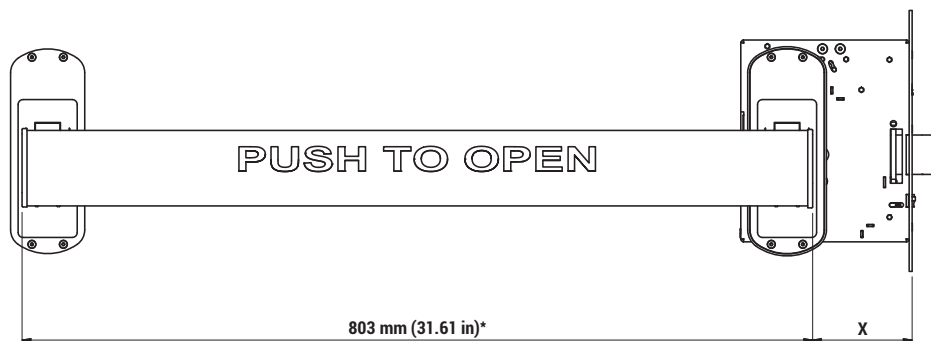
3" TYNE BODY



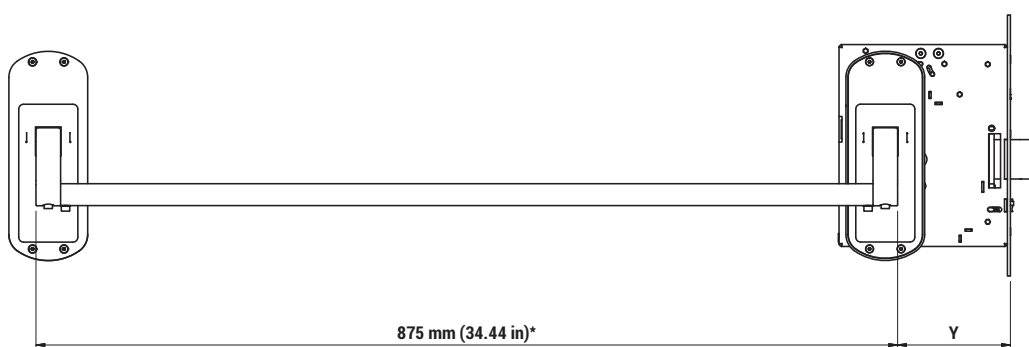
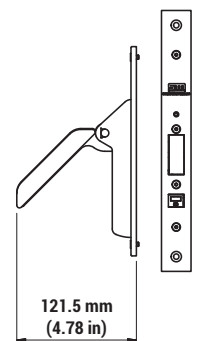
5" TYNE BODY



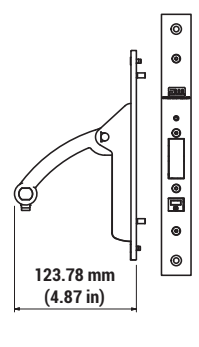
FOREND PLATE



TYNE PANIC BAR (BLADE)



TYNE PANIC BAR (TUBE)



X = 3" backset: 50 mm (1.98 in), 5" backset: 101 mm (3.98 in)

Y = 3" backset: 93.5 mm (2.51 in), 5" backset: 144.5 mm (4.51 in)

*supplied as standard, cut to suit

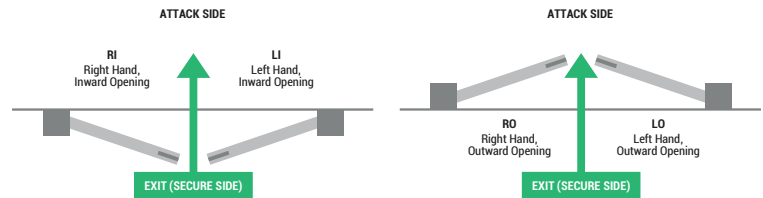
Intellectual Property Rights

All Surelock products are the subject to intellectual property rights. These include pending and approved patent and design rights, in particular to the Tyne: EP4215699, US12221807B2, GB2213884.6 & US18/242762. In accordance with our policy of continual development and improvement we reserve the right to make changes in design and specifications without notice.

SELF CODING SYSTEM

The Tyne has a simple ordering code that covers the chosen methods of entry, securing and exit. Additional enhancements can be added to further customise the device.

EXAMPLE ORDER CODE: TY1A-AMLS-AA-TMLS



PRODUCT		ENTRY		SECURING		EXIT	
RANGE	BOLTS	UNLOCKING		UPON DOOR CLOSURE		UNLOCKING	
TY	5" Tyne	1	X None	AA	Auto bolting / auto deadlocking	X	None
TN	3" Tyne		K Key	AM	Auto bolting / manual deadlocking	K	Key
BOLT DIRECTION		A	Access control	AB	Auto bolting only	A	Access control
A	Horizontal bolt	L	Single handed / panic and emergency			T	Thumbturn
		BOLT RETRACTION				L	Single handed / panic and emergency
		X	None			BOLT RETRACTION	
		M	Manual			X	None
		OPERATOR				M	Manual
		XX	None			OPERATOR	
		LS	Lever handle (tubular straight)			XX	None
		US	Profile lever handle (straight)			LS	Profile lever handle (straight)
		UC	Profile lever handle (straight clutched)			LE	Lever handle (Tubular ergonomic)
						PB	Panic bar (blade aluminium)
						PE	Panic bar (tubular st/st)
						PP	Push pad

EXAMPLE BOLT DIRECTIONS

See coding chart above for reference



No. Bolts (1)
Direction (A)

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference

Entry (XXXX) Exit (LMLS)	Entry (KMLS) Exit (TMLS)	Entry (KMLS) Exit (KMLS)	Entry (KMLS) Exit (LMLS)	Entry (KMLS) Exit (LMPB)	Entry (KMLS +GMS) Exit (LMPE)
Entry (AMLS) Exit (AMLS)	Entry (AMLS) Exit (AMLS + K04)	Entry (AMLS + KEU+ GMS) Exit (AMLS +KEU)	Entry (AMLS + KRR) Exit (LMLS)	Entry (AMLS + KRR) Exit (LMPB)	Entry (AMLS + KEU+ GMS) Exit (LMPE)

K04 = Thumbturn with Breakdome

KEU = Key Override - Euro Profile

KRR = Key Override - Round Rim Profile

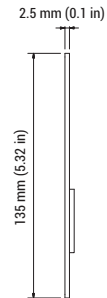
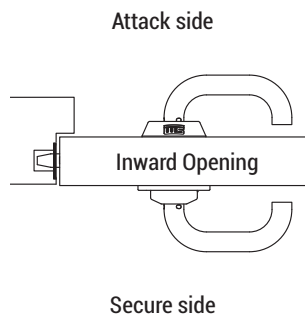
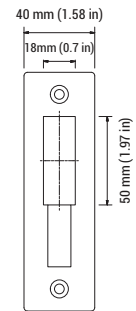
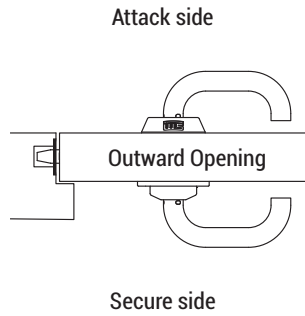
GMS = Mortice Cylinder Guard

For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.

TYNE KEEPS

EXAMPLE CODE: KTY-BB-00

Stainless steel keep to suit inward and outward opening doors in a steel or timber frame.



SELF CODING SYSTEM

Surelock keeps have a simple ordering code, covering the opening method and door material type.

EXAMPLE ORDER CODE: KTY-BB-00

MODEL		OPENING DIRECTION		FRAME MATERIALS		VARIANTS
KTY	Tyne	B	Bi-directional	B	Both (Timber or Steel)	00