

A range of Heavy-Duty Lever Handles developed for use on over-sized, heavy, high-performance doors. The unique and simple design provides for a strong, rugged, abuse resistant range of handles. Tested with many locking systems with high-performance door manufacturers to meet various international standards. Manufactured from stainless steel for hostile environments and durability.



HS



HE

FEATURES

- Suitable for both timber and steel doorsets
- Robust design to withstand heavy use
- Fully Stainless steel construction for corrosion resistance and durability
- Brushed stainless steel finish provides a modern appearance
- Tested to over 1,000,000 cycles

BENEFITS

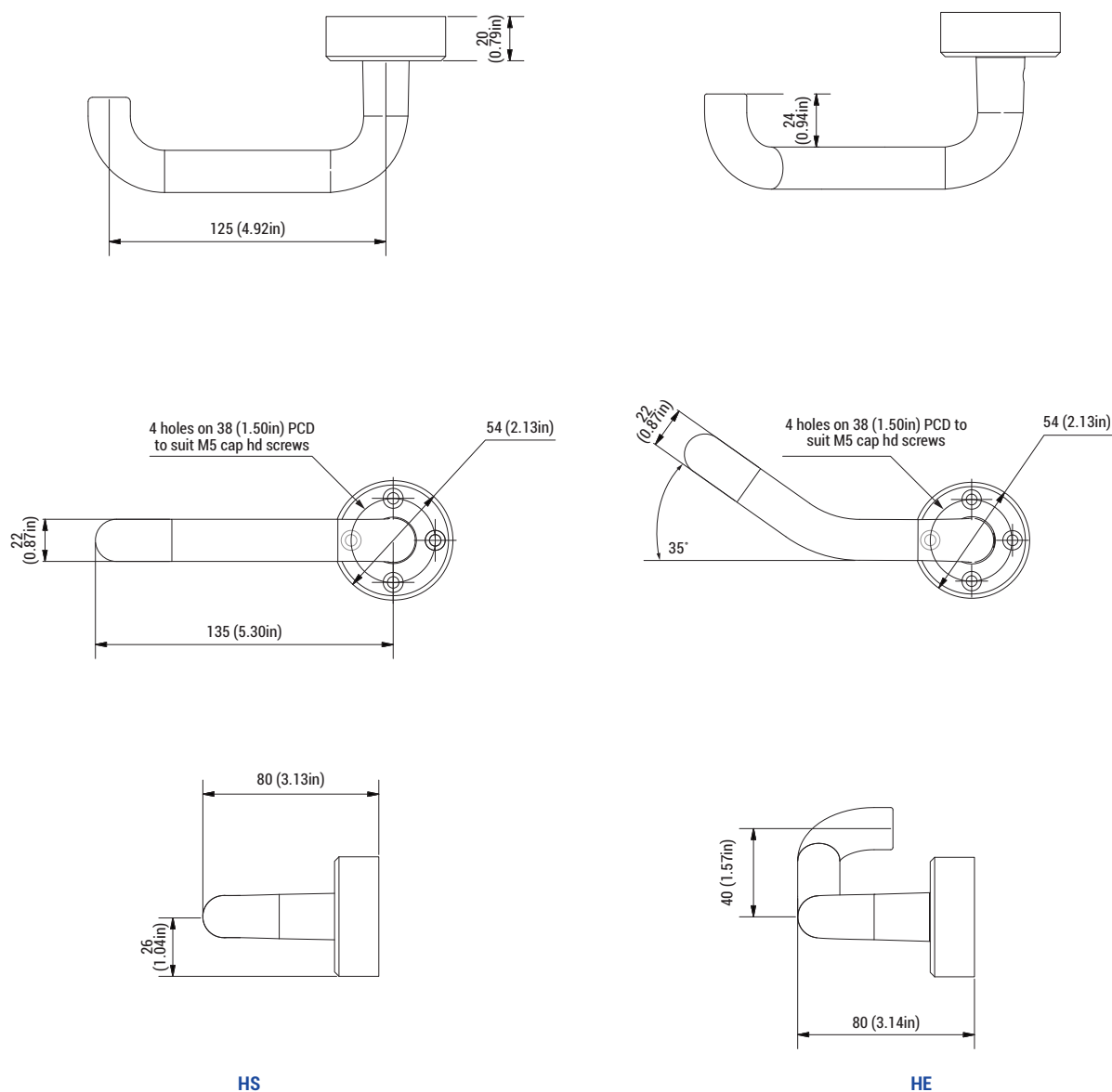
- Withstands high leverage forces without damage
- Provides trouble-free service
- Ergonomic design

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											
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5								
10 MIN									180 SEC					15	RC4	BR4			EN 179	UL752 Level 1-10		EN 1634-1	GR4	500K
5 MIN									120 SEC						RC3	BR3							GR3	
3 MIN									60 SEC					5	RC2	BR2	SRA			ASTM F2927 Cat 1	CERTIFIRE	GR2	200K	
1 MIN									30 SEC						RC1	BR1			UL 305	NIJ 0108.01 Level 1-4	BS 476-22			GR1

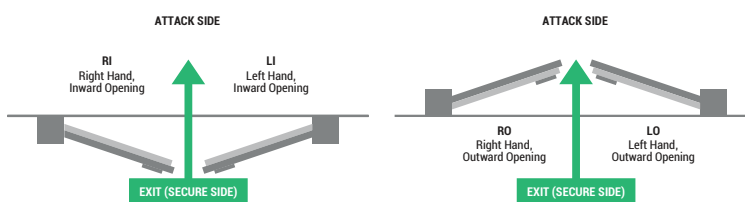
HEAVY DUTY LEVER HANDLE TECHNICAL DRAWING



SELF CODING SYSTEM

Heavy Duty Lever Handles have a structured ordering code that covers the chosen methods of entry, exit and securing, followed by the mounting and orientation codes, additional enhancements can be added to further customise the device.

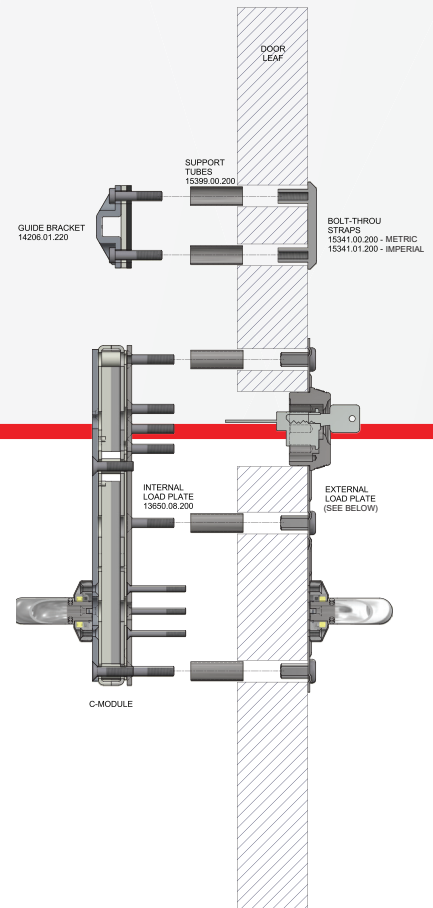
EXAMPLE ORDER CODE: HEPX-W10



PRODUCT CODE	DESCRIPTION	SINGLE / PAIR		HANDING		MOUNTING SCREWS	
HS	Heavy duty straight lever handle	S	Single	X	None	W03	Machine screws (Metric)
HE	Heavy duty ergonomic lever handle	P	Pair	R	Right (HE Single only)	W10	Machine screws (Imperial)
				L	Left (HE Single only)	W02	Wood screws

Through-Bolt Mounting Kits provide a robust solution to enhance the combined strength and security of the door after on-site lock installation. Providing a fast and extremely effective solution for both new and aftermarket up-grades, including steel, timber, composite, and hollow metal doors.

Through-Bolt Mounting Kits enable a new lock to be installed to upgrade security, safety, accessibility, and access control capability. Tested to meet various international standards and manufactured in 316 stainless steel for hostile environments and durability.



FEATURES

- Fast and effective security, safety and operational upgrade
- Combined strength of door and lock as one
- 316 grade stainless steel constructions

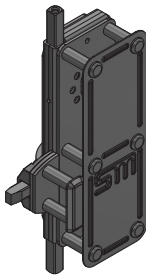
BENEFITS

- Simple design allows for fast installation
- Stainless steel cast straps and plates ensure secure installation
- Tested to meet various international standards
- Through-Bolt Mounting Kits to cover most locks and operational features
- Ideal aftermarket and up-grade requirements for security, safety, accessibility and access control capability
- Covers most previous lock mounting holes

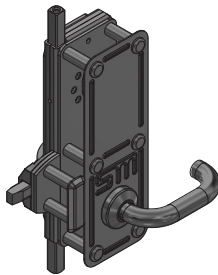
EXAMPLE KITS FOR SLIMLINE AND STIRLING SYSTEMS

SLIMLINE

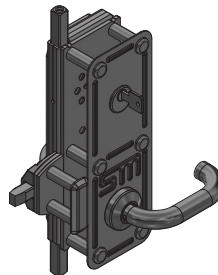
NO ENTRY PROVISION



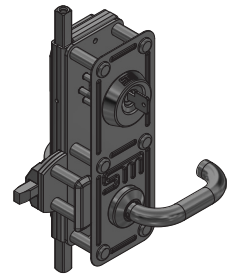
LEVER HANDLE ONLY ENTRY



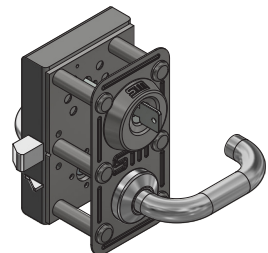
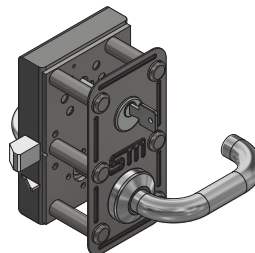
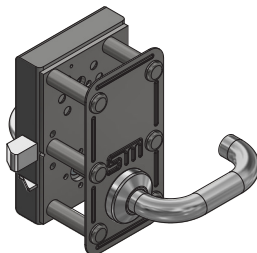
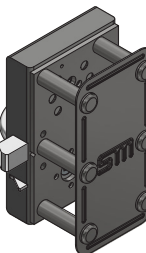
LEVER HANDLE AND RIM / EURO CYLINDER ENTRY



LEVER HANDLE AND CYLINDER GUARD ENTRY



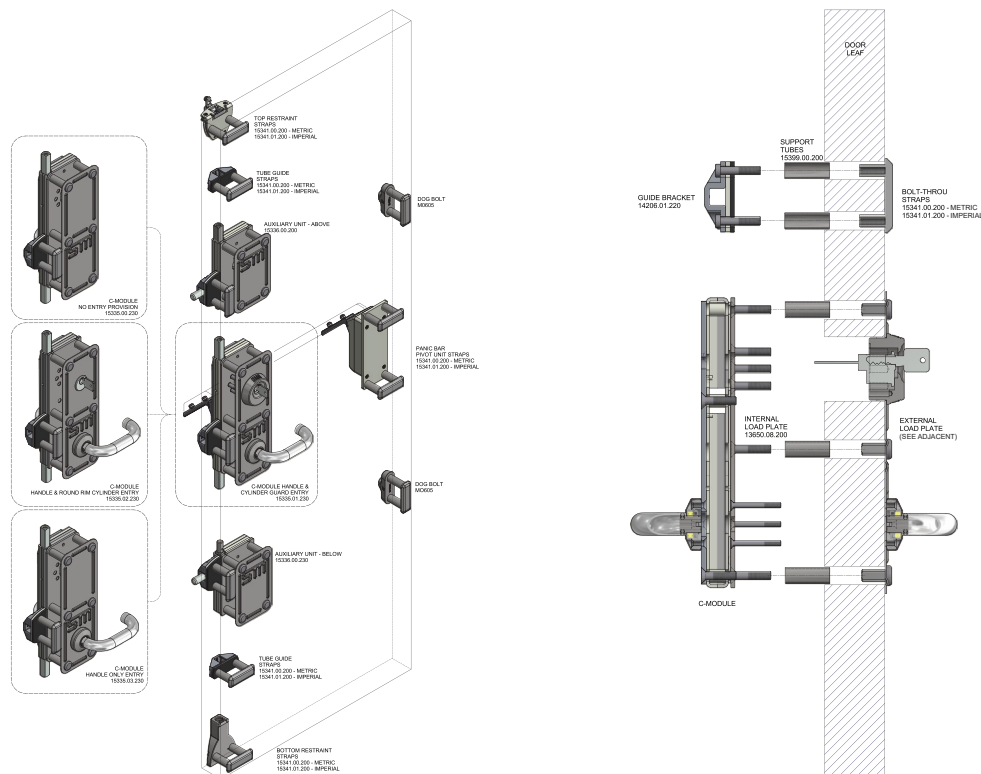
STIRLING



T Units - feature an additional horizontal bolt - separate to the main centre module - that does not have facility for a top or bottom vertical bolt

U Units - feature an additional horizontal bolt - separate to the main centre module - that also allows for a top or bottom vertical bolt

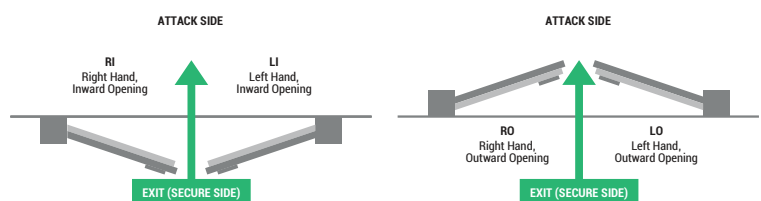
THROUGH-BOLT MOUNTING KIT TECHNICAL DRAWING



SELF CODING SYSTEM

Through-Bolt Mounting Kits have a structured ordering coding for each individual product, please refer to the above drawings and the chart below to reference your ordering code to your chosen system.

EXAMPLE ORDER CODE: TBM-44-SL331-0-0-0



THROUGH-BOLT		DOOR THICKNESS		SYSTEM		NO. BOLTS		ENTRY		EXIT		HANDLING		AUXILIARY PLATE 'T'	AUXILIARY PLATE 'U'
TBM	Through bolt kit with metric M8 Hardware Fixings	44	Fixings for 44mm (1.7") door	ST	Stirling	1	1-point securing *stirling only*	0	No entry provision	0	LS/PP with Deadlock	0	Non handed	0	0
TBI	Through Bolt Kit with 5/16" UNC Hardware Fixings	57	Fixings for up to 57mm (2.2") door	SL	Slimline	2	2-point securing	1	Rim cylinder & lever	1	PB/ PE with Deadlock	4	Right hand *stirling only*	1	1
		00	Fixings for up to 100 mm (3.9") door			3	3-point securing	2	Euro cylinder & lever	2	Motorised Operation	5	Left hand *stirling only*	2	2
								3	Guarded cylinder & lever	3	LS/PP No Deadlock			Specify number of 't' auxiliary bolting units. See description on left page for more details	Specify number of 'U' auxiliary bolting units. See description on left page for more details.
		4	Access control & lever					4	PB/PE No Deadlock						
		5	Combination lock & lever												
		6	Rim cylinder driven												