



Surelock McGill

HIGH PERFORMANCE HINGES AND HINGE BOLTS





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Designed for heavy duty high-performance security, blast, ballistic, fire & acoustic protection doorsets, offering unrivalled levels of load carrying capability, successfully tested up to LPS1175 Security Rating E10 (SR5), EN1627 up to RC5, plus FEFR 60 mins, on selected doorsets. All manufactured from 316 stainless steel for the most arduous environments.

Internal linear bearings within each knuckle and thrust bearings between each knuckle, ensures trouble free operation and longevity, hinges that you can rely on. Discrete security pins are available on the 'A' version of the 'HA6' and 'HA7' hinges.



**HA6 HIGH-PERFORMANCE HINGE WITH
OPTIONAL KNOCK-IN PIN**

FEATURES

- Strength to support heavy loading
- Robust to withstand heavy use and longevity
- Stainless steel for arduous environments
- Sealed top and bottom knuckles
- Bearings within and between each knuckle
- CE and UKCA marked to BS EN 1935 Grade 14

BENEFITS

- Self-lubricating bearings
- Engineered for longevity and trouble-free service
- Certified to a range of international standards (see Product Performance Chart)

OPTIONS

- Knock-in & Screw-in dog bolts (security pins) on HA6 & HA7 hinges
- Extended leaves for thicker doors on HA6 & HA7 hinges
- Special leaf width cutting, and mounting screw positions accommodated on 80mm leaves

FINISH*

- Brushed stainless steel (as standard)
- Polished stainless steel
- Bronze lacquer finish
- Brass lacquer finish

*Additional finishes available on request

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	A300	B300	C300	D300	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5			EN 179	UL752 Level 1-10			EN 1634-1	GR4
10 MIN	A5	B5	C10	D10	E10				180 SEC					15	RC4	BR4						GR3	200K	
5 MIN									120 SEC						RC3	BR3						GR2	200K	
3 MIN									60 SEC					5	RC2	BR2						GR1	200K	
1 MIN									30 SEC						RC1	BR1								

HA6 100 MM (3.94 IN) HIGH-PERFORMANCE HINGE

Technical information

- Stainless steel for arduous environments
- Sealed top and bottom knuckles
- Bearings within and between each knuckle
- Additional 10mm (0.393") hardware fixing hole for enhanced security
- Tested to over 1 million cycles
- CE and UKCA marked to BS EN 1935 Grade 14



HA6

HA7* 146 MM (5.75 IN) HIGH-PERFORMANCE HINGE

Technical information

- Stainless steel for arduous environments
- Sealed top and bottom knuckles
- Bearings within and between each knuckle
- Additional 10mm (0.393") hardware fixing hole for enhanced security
- Tested to over 1 million cycles
- CE and UKCA marked to BS EN 1935 Grade 14



HA7

HA8 210 MM (8.27 IN) HIGH-PERFORMANCE HINGE

Technical information

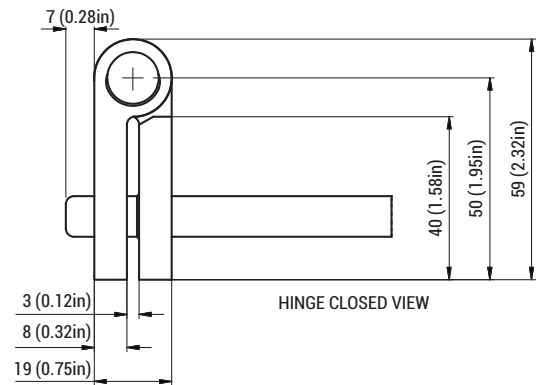
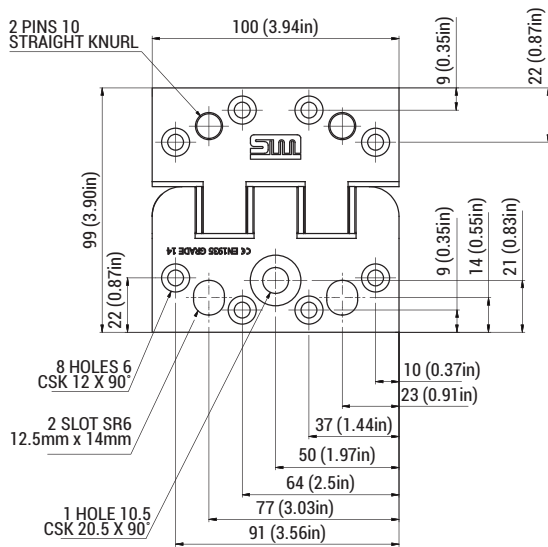
- Face Mounting
- 316 Stainless steel for arduous environments
- Sealed top and bottom knuckles
- Bearings within and between each knuckle
- Tested to over 1 million cycles



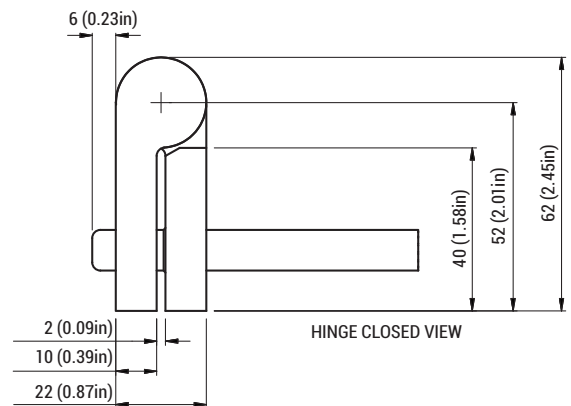
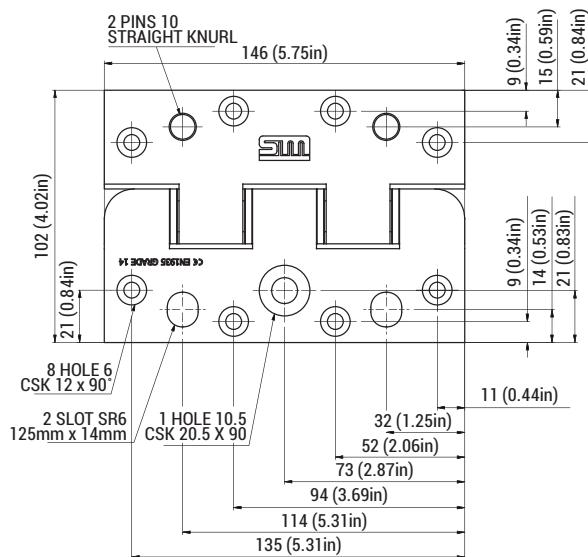
HA8

HIGH-PERFORMANCE HINGES TECHNICAL DRAWINGS

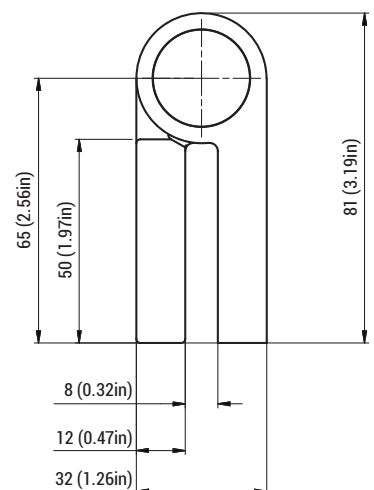
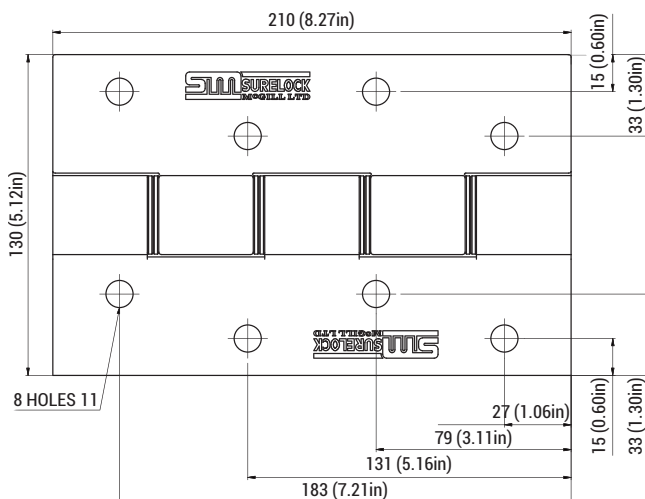
HA6



HA7

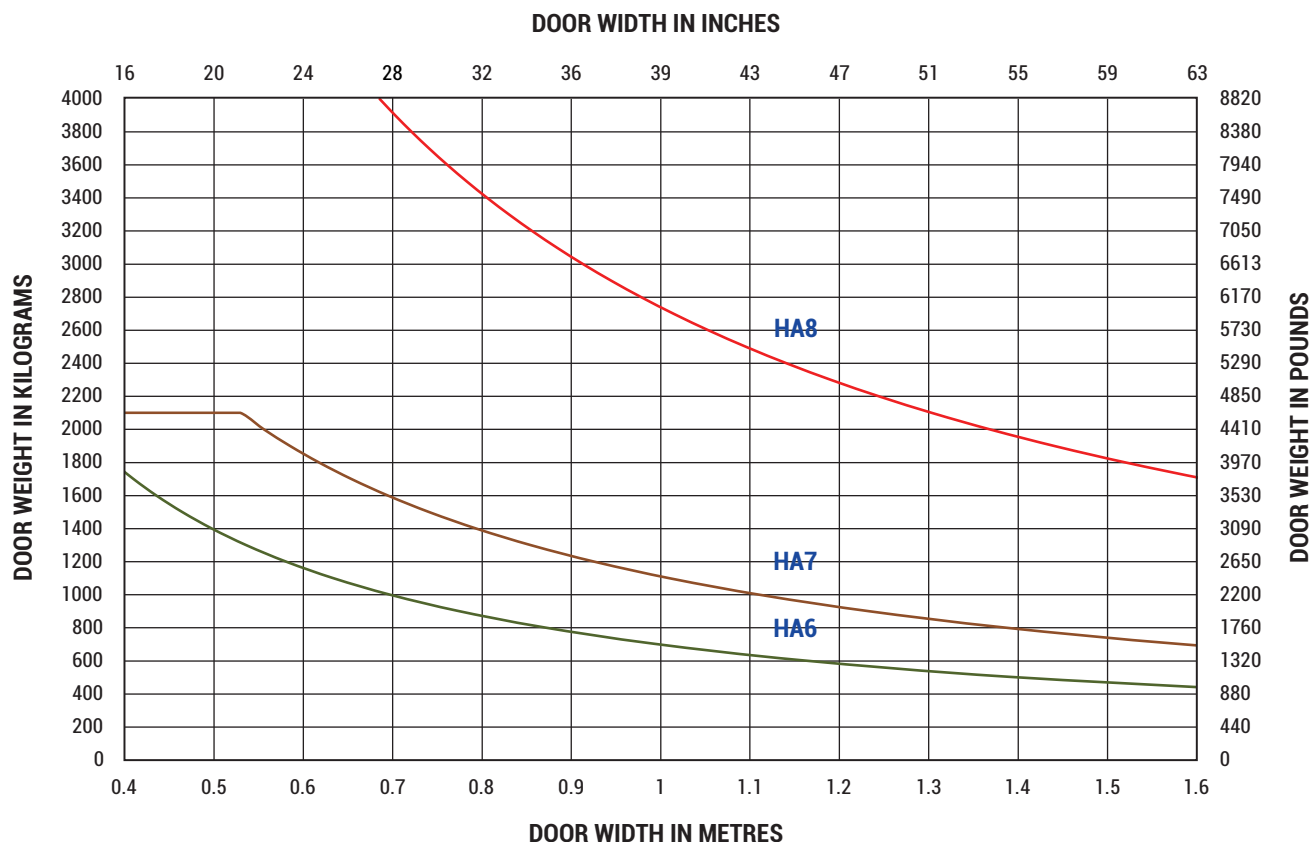


HA8



TECHNICAL INFORMATION

The following chart is a guide for maximum door sizes and weights, based on a door height of 2.2 metres (7.2ft) using three hinges equally spaced.



RADIAL AND THRUST LOAD CAPACITY		
PRODUCT	RADIAL LOAD CAPACITY (kN)	THRUST LOAD CAPACITY (kN)
HA6	1.71 kN	11.2 kN
HA7	2.72 kN	11.2 kN
HA8	6.72 kN	26.6 kN

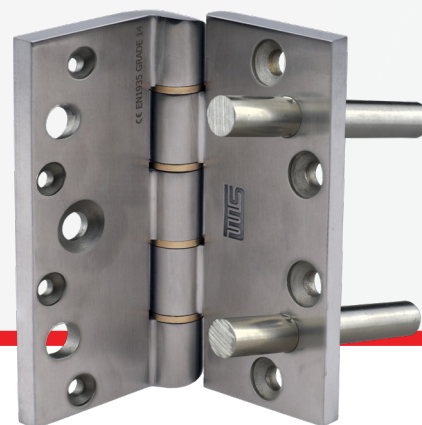
SELF CODING SYSTEM

High-Performance Hinges have a structured ordering code that covers the type of hinge and mounting plate sizes, followed by additional enhancements such as security pins and finishes.

EXAMPLE ORDER CODE: HA7-40-B -00

SYSTEM		TYPE		MOUNTING PLATE SIZE		SECURITY PINS		FINISH	
HA	High-Performance Hinge	6	100 mm (3.94")	40	40 mm (1.58") HA6 & HA7 (Standard)	A	Knock-in pin	00	Satin (Standard)
		7	146 mm (5.75")	50	50 mm (1.97") HA8 (Standard)	B	No pin provided	01	Polished
		8	210 mm (8.27")	60	+ 20 mm (0.79") mounting plates on HA6 & HA7 (Extended)	E	Screw-in pin	15	Lacquered brass
				80	+ 40 mm (1.58") mounting plates on HA6 & HA7 (Extended)			16	Lacquered bronze
				90	+ 50 mm (1.97") mounting plates on HA6 & HA7 (Extended)			99	Other special

Based on our proven 'HA' range of High-Performance Hinges, we are able to design & manufacture bespoke hinges, providing solutions for more challenging door constructions. Alternative plate sizes and hole configurations for you to personalise our high-performance hinges. Hinges displayed are based on existing arrangements, however please discuss with our technical sales team for us to support your specific requirements.



HA7 60 MM EXTENDED HIGH-PERFORMANCE HINGE WITH OPTIONAL SCREW-IN PIN

FEATURES

- Strength to support heavy loading
- Robust to withstand heavy use and longevity
- Stainless steel for arduous environments
- Sealed top and bottom knuckles
- Bearings within and between each knuckle
- CE and UKCA marked to BS EN 1935 Grade 14

BENEFITS

- Self-lubricating bearings
- Engineered for longevity and trouble-free service
- Certified to a range of international standards (see product performance chart)

OPTIONS

- Knock-in & Screw-in dog bolts (security pins) on HA6 & HA7 hinges
- Extended leaves for thicker doors on HA6 & HA7 hinges
- Special leaf width cutting, and mounting screw positions accommodated on 80mm leaves
- Certified to E10 when used with hinge bolts

FINISH*

- Brushed stainless steel (as standard)
- Polished stainless steel
- Bronze lacquer finish
- Brass lacquer finish

*Additional finishes available on request

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 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL	
15 MIN									240 SEC						RC5	BR5									
10 MIN	A5	B5	C10	D10					180 SEC					15	RC4	BR4			EN 179	UL 752 Level 1-10			EN 1634-1		GR4
5 MIN									120 SEC							RC3		BR3							
3 MIN									60 SEC					5	RC2	BR2		SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	CERTIFIRE	GR3	GR2	200K
1 MIN									30 SEC							RC1	BR1								

HA6 & HA7 HIGH-PERFORMANCE HINGE

Mounting Plates can be Extended to Required Lengths (40mm Wide as Standard)

60mm Wide Mounting Plate

80mm Wide Mounting Plate

90mm Wide Mounting Plate

Bespoke Shaped, or Stepped Plates (Please Contact the Sales Team for More Information)

Alternative Hole Pattern Arrangements

Standard Hole Patterns

Special Hole Patterns

Blank (without Holes)

Technical information

Brushed (as standard)

Lacquered Bronze

Lacquered Brass

Bright polished

If you have a specialist hinge requirement for your project, please discuss with our technical sales team for further details, including drawing details. Contact details are below.



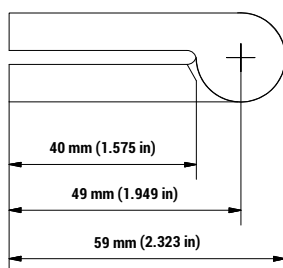
HA7 60MM EXTENDED



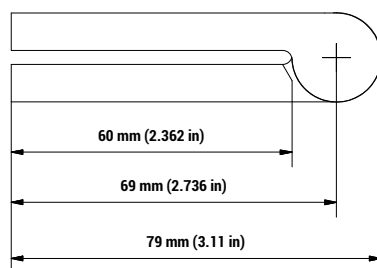
HA7 80MM EXTENDED



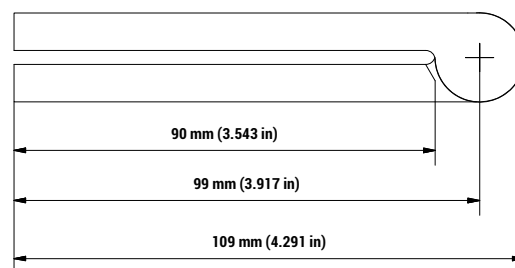
HA7 90MM EXTENDED



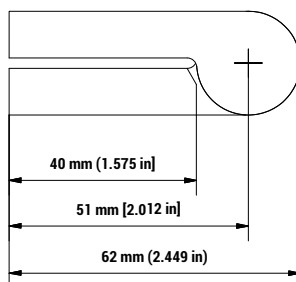
HA6 STANDARD HINGE



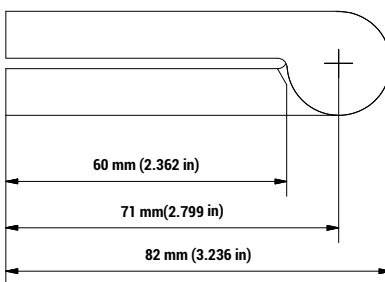
HA6 60MM EXTENDED HINGE



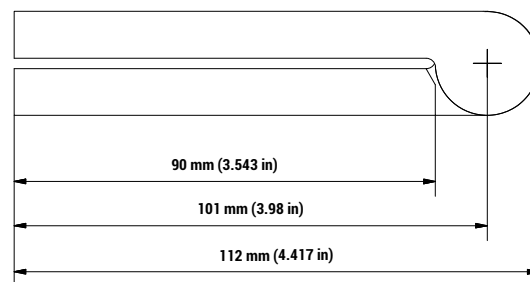
HA6 90MM EXTENDED HINGE



HA7 STANDARD HINGE



HA7 60MM EXTENDED HINGE



HA7 90MM EXTENDED HINGE

High performance Cam Lift for acoustic and RFI doors to support the weight and radial load as the door opens and closes. The HC30 Cam Lift Hinge provides a consistent smooth lift of 7.5 mm (0.29") over 180°, releasing the door from its bottom seal, reducing the risk of damage and wear.

Superb in design with fully machined helixes, the HC30 Cam Lift Hinge can handle door weights up to 350 kg (770 lbs). Manufactured in 316 grade stainless steel for maximum strength even in the harshest environments.



HC30 LEFT HAND CAM LIFT



HC30 LEFT HAND CAM LIFT WITH
OPTIONAL SCREW-IN PIN

FEATURES

- Full mortise hinge recessed into door and frame
- Designed for door weights up to 350 kg (770 lbs)
- 7.5 mm (0.29") lift over 180°
- 316 grade stainless steel offering long term durability
- Install using 8 x M6 A2 (#12-24 UNC 18-8) stainless steel screws (not supplied)
- Less than 2.5 kg (5 lbs) opening force on door leafs under 200 kg (440 lbs) to meet ADA requirements, with 2 hinges

BENEFITS

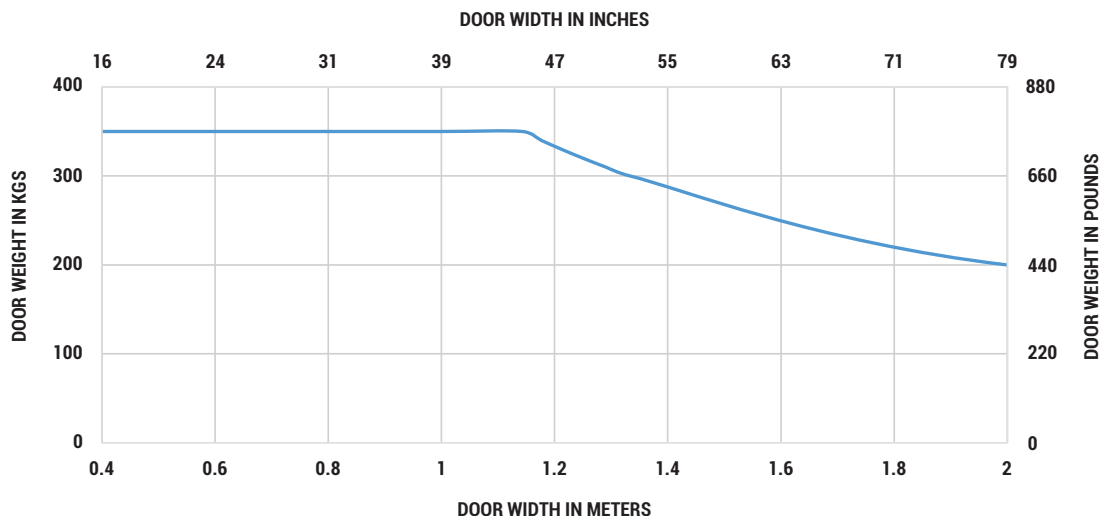
- Grease nipple for ease of service
- Cost savings from reduced damage and wear to door seals
- 5 x 5 leaf size and hole pattern match ANSI/BHMA standard mortise prep

OPTIONS

- Compatible HC30 Electrified Power Transfer (EPT) hinge available with 12 conductor wire assembly

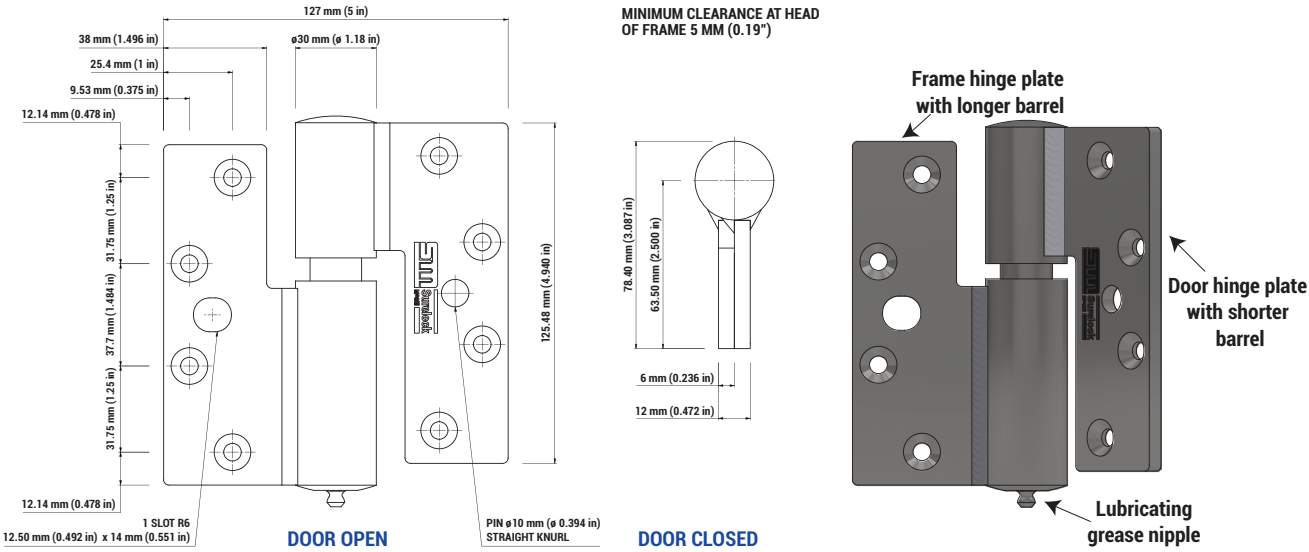
LOADING CHART

The following chart is a guide for maximum door widths and weights tested on a door height of 2.1 m using 2 hinges spaced equally apart at the top and bottom of the leaf.

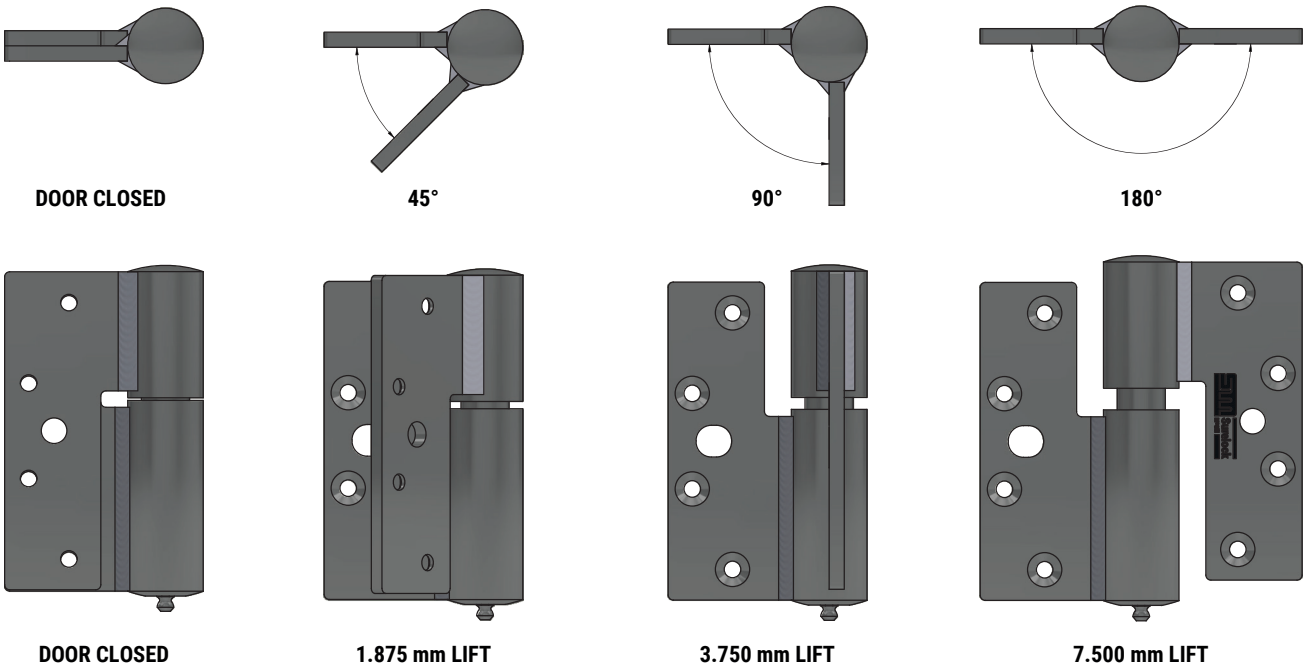


LOAD DECLARATIONS - All load ratings are based on mounting with M6 A2, or #12-24 UNC 18-8 stainless steel screws
 Radial load capacity - 100 kg (220 lbs) per Cam Lift Hinge
 Thrust load capacity - 175 kg (385 lbs) per Cam Lift Hinge

HC30 CAM LIFT HINGE TECHNICAL DRAWINGS



HC30 CAM LIFT HINGE DETAIL OF LIFT



SELF CODING SYSTEM

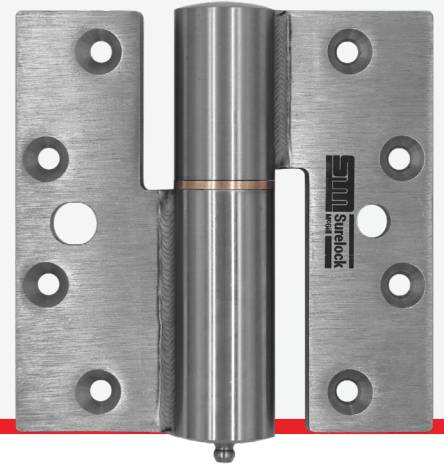
The HC30 Cam Lift Hinges have a structured ordering code that covers the quantity, plate details, security pins, finish and handing. Additional enhancements can be added to further customise.

EXAMPLE ORDER CODE: HC30-C2-55-00-B-LH (1 PAIR)

SYSTEM		LOADING REQUIREMENT	HINGE CODE & QTY			MOUNTING PLATE WIDTH		FINISH		SECURITY PINS		ORIENTATION	
HC	30	Medium Duty	C	1	Cam Lift Hinges (single)	55	ANSI 5x5 Mortise	00	Satin	A	Knock-in Pin	RH	Right Hand
				2	Cam Lift Hinges (1 pairs)					B	No Pin Provided	LH	Left Hand
				3	Cam Lift Hinges (1 1/2 pairs)					E	Screw-in Pin		

High performance HC30 Lift-Off Hinges for medium duty, high performance hinged doors, supporting the weight and radial load as the door opens and closes. Superb in design, the HC30 Lift-Off Hinge can handle door weights up to 350 kg (770 lbs). Manufactured in 316 grade stainless steel for maximum strength even in the harshest environments. Fitted with a thrust bearing and grease nipple for lubrication, providing smooth operation and longevity.

HC30 Lift-Off Hinges are normally used in a pair (2), or 1 ½ pairs (3) for over-height doors.



HC30 LEFT HAND LIFT-OFF



HC30 LEFT HAND LIFT-OFF WITH
OPTIONAL SCREW-IN PIN

FEATURES

- Full mortise hinge recessed into door and frame
- Designed for door weights up to 350 kg (770 lbs)
- Suitable for single axis swing doorsets
- 316 grade stainless steel offering long term durability
- Thrust bearing and greasing facility for smooth pivot operation and longevity
- Install using 8 x M6 A2 (#12-24 UNC 18-8) stainless steel screws (not supplied)
- Less than 2.5 kg (5 lbs) opening force on door leafs under 200 kg (440 lbs) to meet ADA requirements, with 2 hinges

BENEFITS

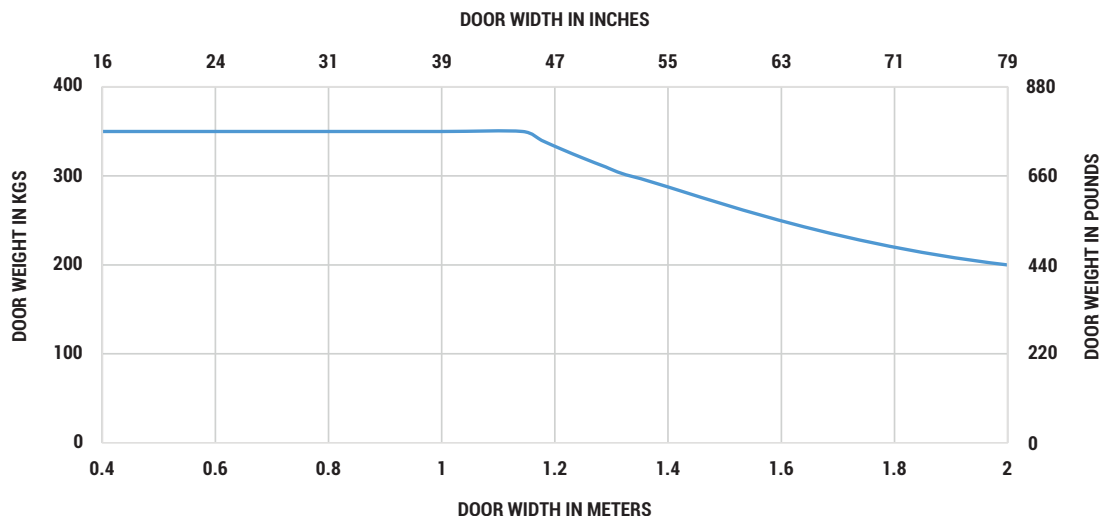
- Grease nipple for ease of service
- 5 x 5 leaf size and hole pattern match ANSI/BHMA standard mortise prep

OPTIONS

- Compatible HC30 Electrified Power Transfer (EPT) hinge available with 12 conductor wire assembly

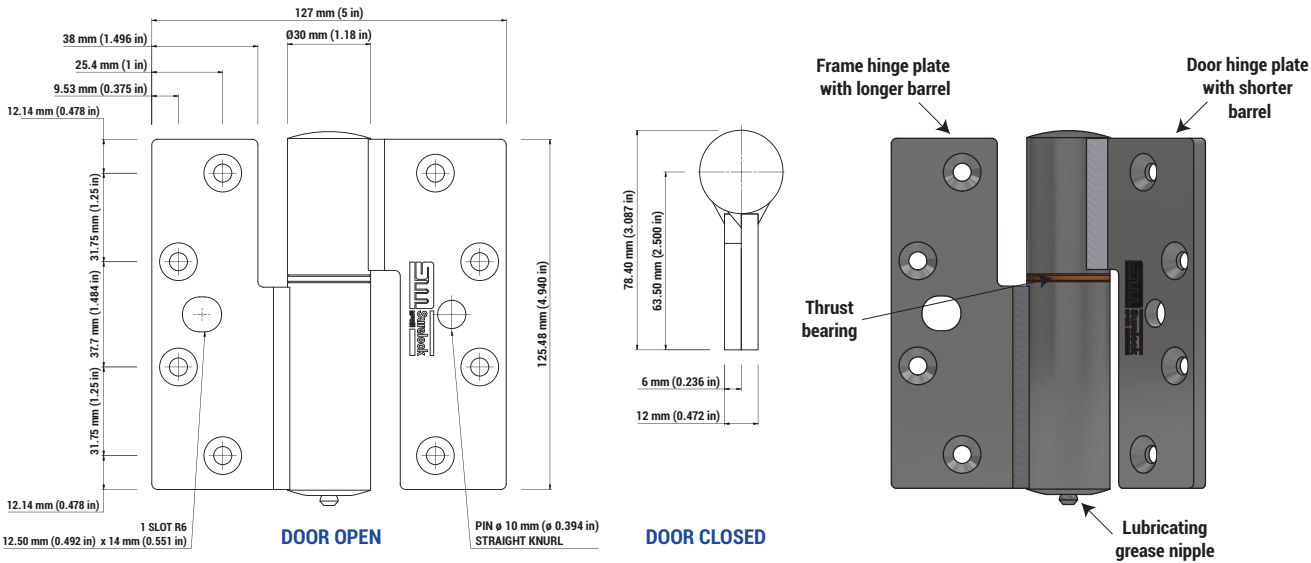
LOADING CHART

The following chart is a guide for maximum door widths and weights tested on a door height of 2.1 m using 2 hinges spaced equally apart at the top and bottom of the leaf.



LOAD DECLARATIONS - All load ratings are based on mounting with M6 A2, or #12-24 UNC 18-8 stainless steel screws
 Radial load capacity - 100 kg (220 lbs) per Lift-Off Hinge
 Thrust load capacity - 175 kg (385 lbs) per Lift-Off Hinge

HC30 LIFT-OFF HINGE TECHNICAL DRAWINGS



SELF CODING SYSTEM

The HC30 Lift-Off Hinges have a structured ordering code that covers the quantity, plate details, security pins, finish and handing. Additional enhancements can be added to further customise.

EXAMPLE ORDER CODE: HC30-L2-55-00-B-LH (1 PAIR)

SYSTEM		LOADING REQUIREMENT		HINGE CODE & QTY			MOUNTING PLATE WIDTH		FINISH		SECURITY PINS		ORIENTATION	
HC	30	Medium Duty	L	1	Lift-Off Hinges (single)	55	ANSI 5x5 Mortise	00	Satin	A	Knock-in Pin	RH	Right Hand	
				2	Lift-Off Hinges (1 pairs)					B	No Pin Provided	LH	Left Hand	
				3	Lift-Off Hinges (1 1/2 pairs)					E	Screw-in Pin			

High performance Cam Lift Hinge sets for acoustic and RFI doors to support the weight and radial load as the door opens and closes. The HC44 Cam Lift Hinge set provides consistent smooth lift of 12.7 mm (0.5") over 180°, releasing the door from its bottom seal, reducing the risk of damage and wear.

Superb in design with fully machined helixes, the HC44 Cam Lift Hinge set can handle door weights up to 3,500 kg (7,700 lbs). Manufactured in 316 grade stainless steel for maximum strength even in the harshest environments.



HC44 LEFT HAND CAM LIFT



HC44 LEFT HAND SUPPORT

FEATURES

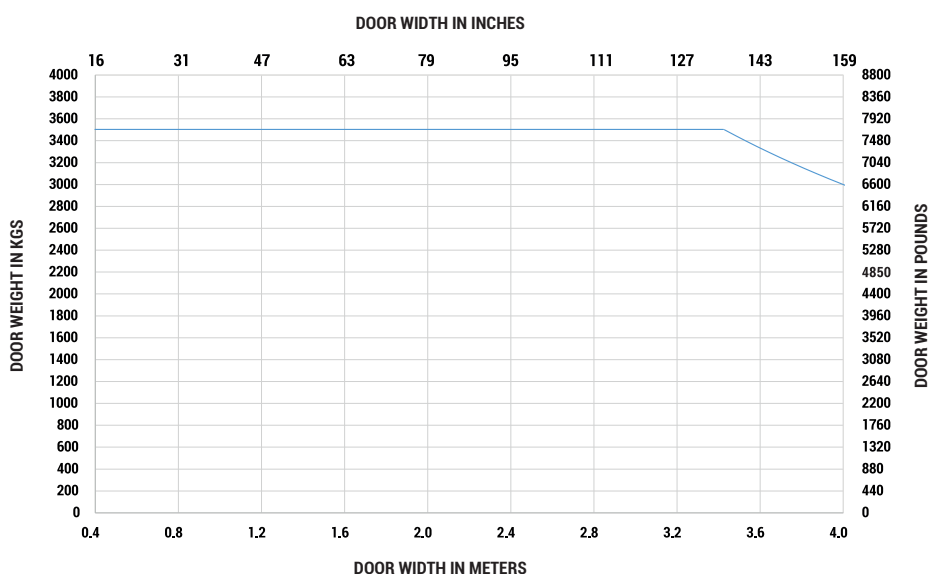
- Full surface hinge (surface mounted onto door and frame)
- Designed for door weights up to 3,500 kg (7,700 lbs) and a radial load up to 3,000 kg (6,600 lbs)
- 6.4 mm (0.25") lift over 90°
- 12.7 mm (0.5") lift over 180°
- 316 grade stainless steel offering long term durability
- Greasing facility for smooth operation and longevity
- Install using 8 x M12 Grade 12.9 (1/2"-13 UNC Grade 8) screws (not supplied)
- Adjustable set-screw with locking nut on Cam Lift hinges to adjust base level of separation between top and bottom barrel
- Set includes one HC44 Cam Lift and a pair (2) of HC44 Support hinges

BENEFITS

- Easy door height adjustment
- Engineered for longevity and trouble-free service
- Grease nipple for ease of service

LOADING CHART

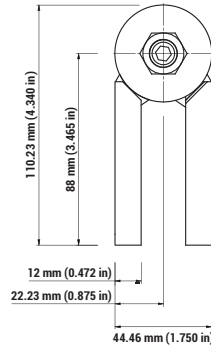
The following chart is a guide for maximum door widths and weights tested on a door height of 2.1 m using 2 Support hinges and 1 Cam Lift hinge spaced equally apart at the top and bottom of the leaf.



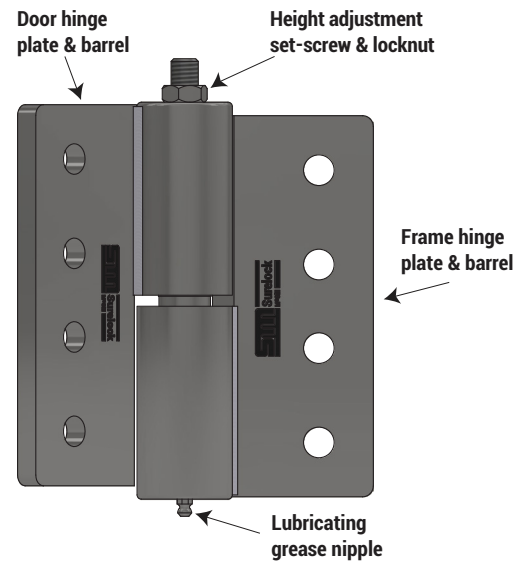
LOAD DECLARATIONS - All load ratings are based on mounting with M12 Grade 12.9 screws or 1/2"-13 UNC Grade 8 screws
 Radial load capacity - 3,000 kg (6,600 lbs) per Support Hinge | No radial load capacity per Cam Lift Hinge
 Thrust load capacity - 3,500 kg (7,700 lbs) per Cam Lift Hinge

DOOR CLOSED

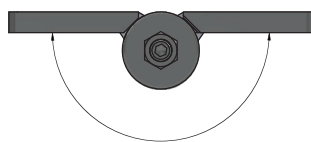
**MINIMUM CLEARANCE AT HEAD
OF FRAME 8 MM (0.31")**



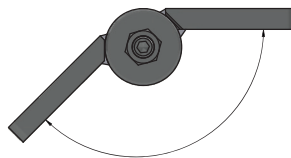
DOOR OPEN



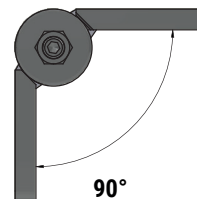
HC44 CAM LIFT HINGE DETAIL OF LIFT



180°



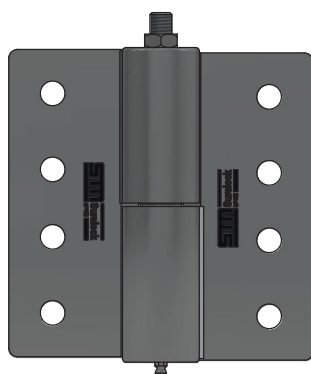
135°



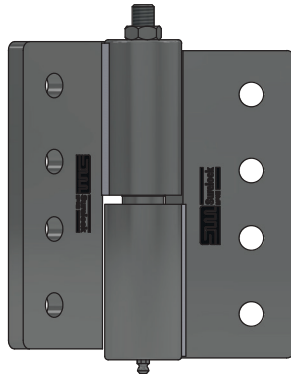
90°



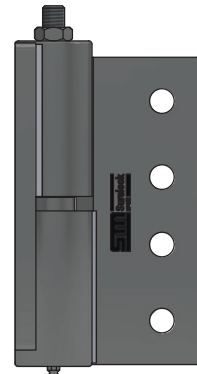
DOOR OPEN



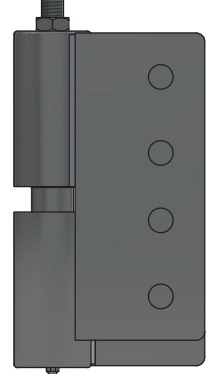
DOOR CLOSED



3.175 mm LIFT



6.350 mm LIFT



12.700 mm LIFT

SELF CODING SYSTEM

The HC44 Cam Lift Hinge sets include HC44 Support hinges and have a structured ordering code that covers the quantity of each type, plate details, finish and handing. Additional enhancements can be added to further customise.

EXAMPLE ORDER CODE: HC44-C1-S2-77-00-LH

[illegible]

High performance HC44 Lift-Off Hinges for heavy duty, high performance hinged doors, supporting the weight and radial load as the door opens and closes. Superb in design, the HC44 Lift-Off Hinge can handle door weights up to 3,500 kg (7,700 lbs). Manufactured in 316 grade stainless steel for maximum strength even in the harshest environments. Fitted with a thrust bearing and grease nipple for lubrication, providing smooth operation and longevity.

HC44 Lift-Off Hinges are normally used in a pair (2), or 1½ pairs (3) for over-height doors.



HC44 LEFT HAND LIFT-OFF

FEATURES

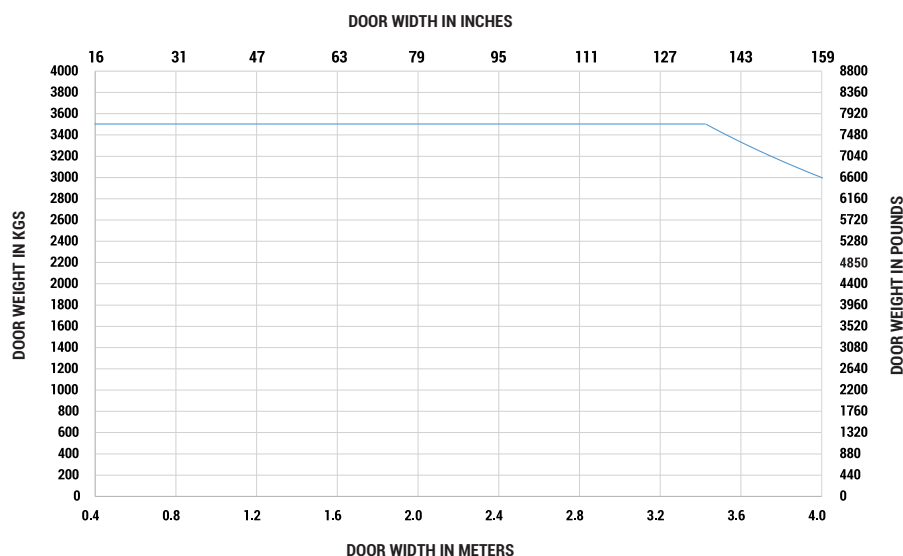
- Full surface hinge (surface mounted onto door and frame)
- Designed for door weights up to 3,500 kg (7,700 lbs) and a radial load up to 3,000 kg (6,600 lbs)
- 316 grade stainless steel offering long term durability
- Thrust bearing and greasing facility for smooth operation and longevity
- Install using 8 x M12 Grade 12.9 (1/2"-13 UNC Grade 8) screws (not supplied)

BENEFITS

- Grease nipple for ease of service
- Engineered for trouble free service
- Ideal solution for oversized and specialist doors

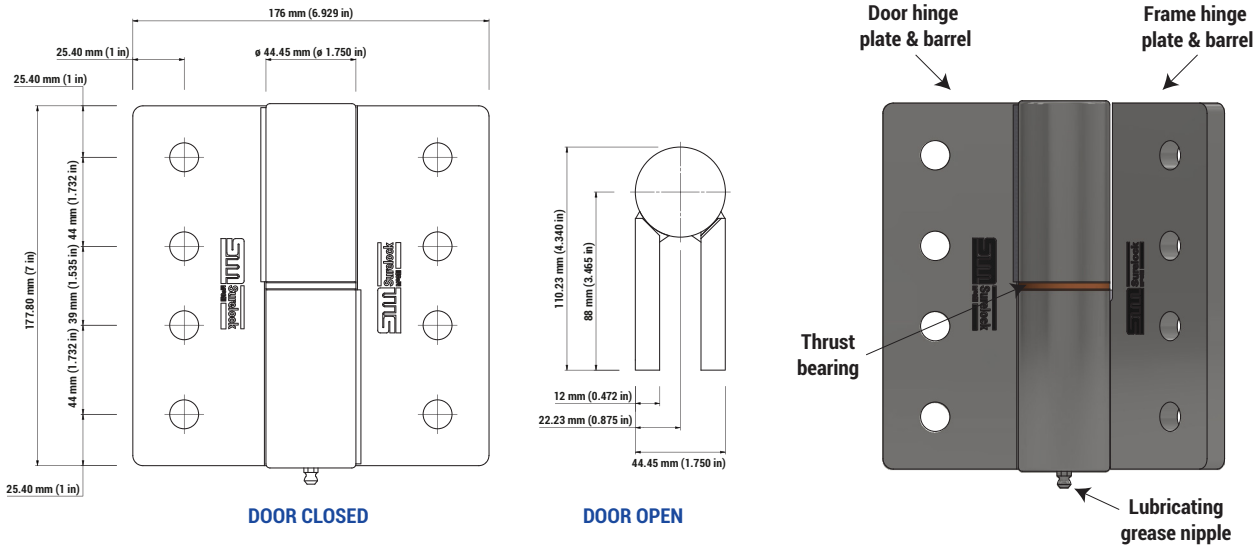
LOADING CHART

The following chart is a guide for maximum door widths and weights tested on a door height of 2.1 m using 3 hinges spaced equally apart at the top and bottom of the leaf.



LOAD DECLARATIONS - All load ratings are based on mounting with # M12 Grade 12.9 screws or 1/2"-13 UNC Grade 8 screws
 Radial load capacity - 3,000 kg (6,600 lbs) per Lift-Off Hinge
 Thrust load capacity - 3,500 kg (7,700 lbs) per Lift-Off Hinge

HC44 LIFT-OFF TECHNICAL DRAWINGS



SELF CODING SYSTEM

The HC44 Lift-Off Hinge has a structured ordering code that covers the quantity, plate details, finish and handing. Additional enhancements can be added to further customise.

EXAMPLE ORDER CODE: HC44-L2-77-00-LH (1 PAIR)

SYSTEM		LOADING REQUIREMENT		HINGE CODE & QTY			MOUNTING PLATE WIDTH		FINISH		ORIENTATION	
HC	44	Heavy Duty	L	2	Lift-Off Hinges (1 pair)	77	Surface 7" x 7" (178 mm x 178 mm)		00	Satin	RH	Right Hand
				3	Lift-Off Hinges (1 1/2 pairs)				LH	Left Hand		

Blast, ballistic, and forced entry-resistant door assemblies place unique demands on hardware. The Surelock McGill HT Hinges are high-capacity hinges designed to support these demanding security applications.

The HT10 and HT12 are constructed from Grade 316 stainless steel for resistance to corrosion and hostile environments. Designed for heavy security door assemblies, each hinge is rated for loads up to 1,800 kg (4,100 lbs).



FEATURES

- Mortice-fitted
- 1,800 kg (4,100 lbs) thrust load capacity per hinge
- 500 kg (1,120 lbs) radial load capacity per hinge
- Bespoke mounting plates available upon request*
- Grade 316 stainless steel construction
- Needle roller and thrust bearings
- Concealed grease fittings
- Tested to 1,500,000 cycles on a 500 kg door assembly

BENEFITS

- Long-term durability and corrosion resistance
- Easy to maintain while preserving architectural appearance
- Smooth operation
- Low opening forces on heavy doors



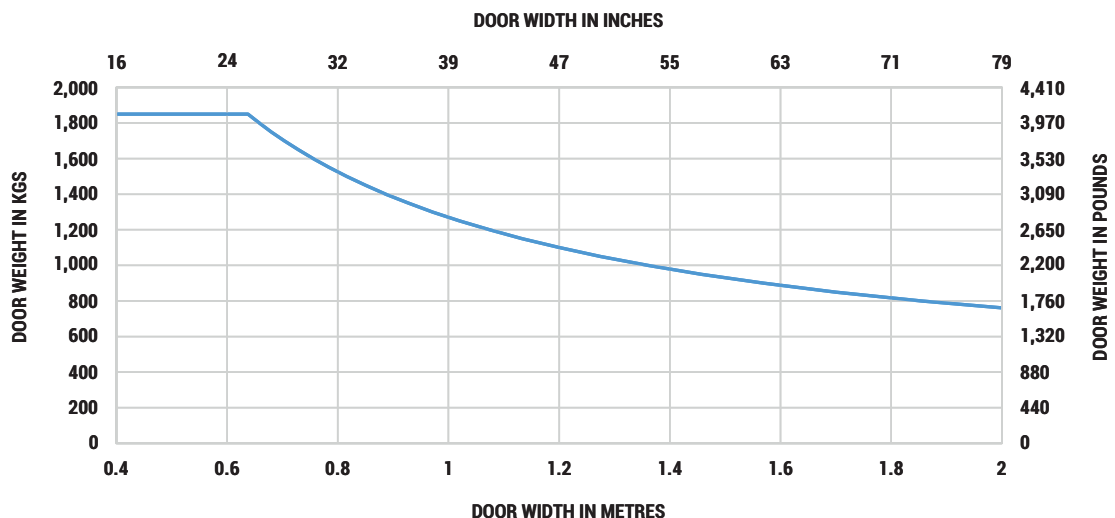
HT HINGE



HT HINGE WITH CAP REMOVED
EXPOSING GREASE FITTING

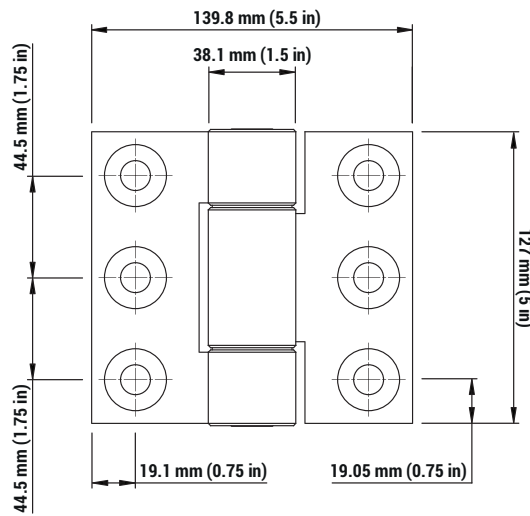
LOADING CHART

The following chart is a guide for maximum door widths and weights tested on a door height of 2.1 m (7 ft) using 2 hinges equally spaced from the top and bottom of the leaf.

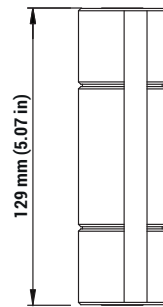


LOAD DECLARATIONS - Cycle test to 1,500,000 cycles on a 500 kg (1,102 lb) door using 2 hinges
 Radial load capacity - 500 kg (1,120 lbs) per hinge
 Thrust load capacity - 1,800 kg (4,100 lbs) per hinge

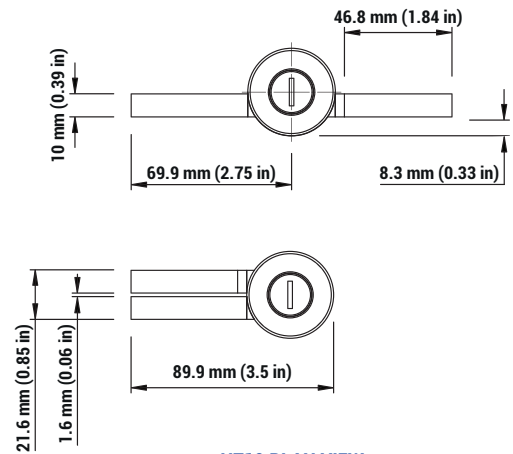
HT HINGES TECHNICAL DRAWINGS



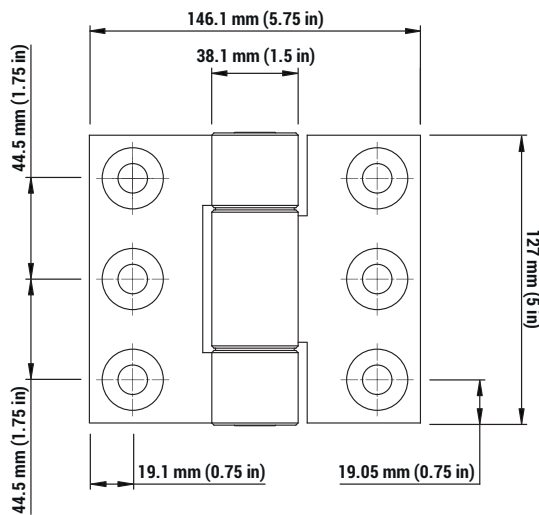
HT10 ELEVATION VIEW



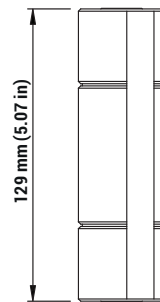
HT10 SIDE VIEW



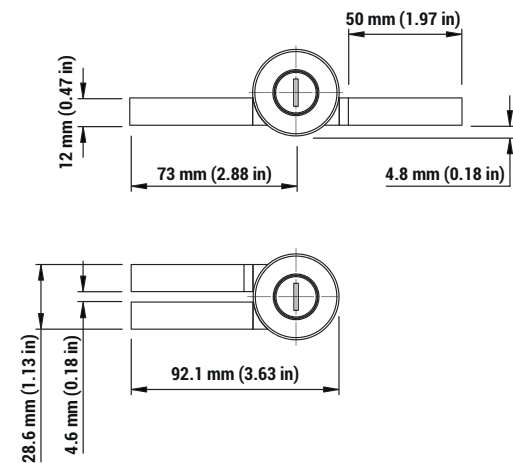
HT10 PLAN VIEW



HT12 ELEVATION VIEW



HT12 SIDE VIEW



HT12 PLAN VIEW

SELF CODING SYSTEM

The HT Hinge range has a structured ordering code that covers the type, plate details, finishes and mounting hardware.

EXAMPLE ORDER CODE: HT10-47-00-00

SYSTEM	MOUNTING PLATE THICKNESS		MOUNTING PLATE SIZE*		FINISH		MOUNTING HARDWARE	
HT	10	10 mm plate	47	46.8 mm (HT10 Only)	00	Satin	00	Metric M12 Stainless Steel (A2)
	12	12 mm plate	50	50 mm (HT12 Only)			01	Imperial 1/2" Stainless Steel (18-8)
							02	Metric M12 Stainless Steel (A4)
							03	Imperial 1/2" Stainless Steel (316 Grade)

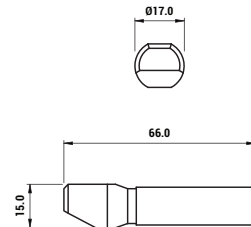
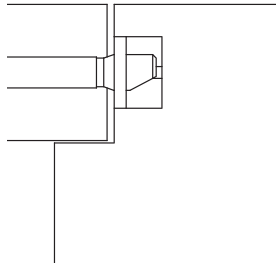
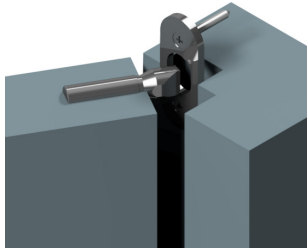
* For more information on custom mounting plates contact our sales team at +44 (0) 118 977 2525

HBO-A

Medium Duty - concealed hinge (dog) bolt with an optional 5mm (0.196") thick steel keep plate recessed into the frame.

Technical information:

- Stainless steel 15mm (0.591") bolt head x 25mm (0.984") projection, overall bolt length 66mm (2.598")
- 'SG1' stainless steel keep plate x 5mm (0.196") thick*

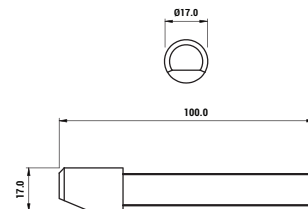
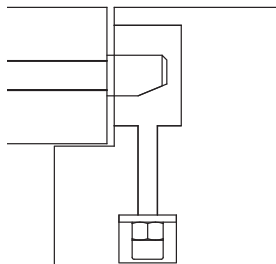
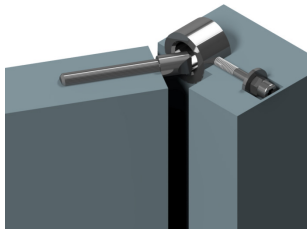


HBO-B

Heavy Duty - concealed hinge (dog) bolt with an optional keep, rear-fixed through the thickest section of the frame, for maximum strength.

Technical information:

- 15mm (0.591") Steel bolt head with 25mm (0.984") projection. Overall bolt length 100mm (3.937")
- 10mm (0.394") thick steel & rear fixed SG2*

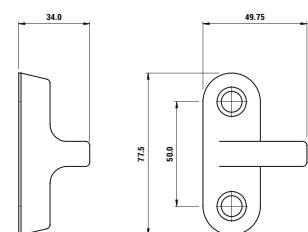
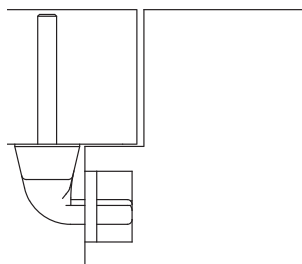
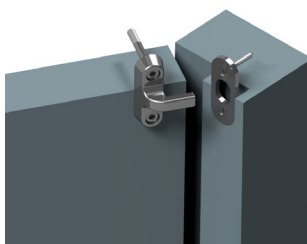


HB1-A

Surface fixed Hinge (Dog) Bolt - Optional 5mm (0.196") thick steel keep plate recessed into the frame.

Technical information:

- 10mm (0.394") section stainless steel curved bolt projecting 15mm (0.591")
- 'SB1' stainless steel keep plate x 5mm (0.196") thick *
- Steel core fixing hardware, option code 'W' *



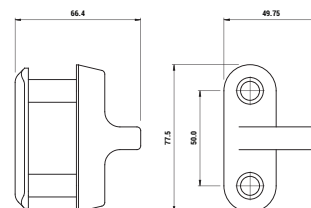
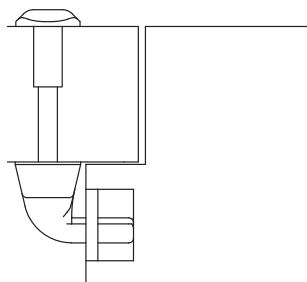
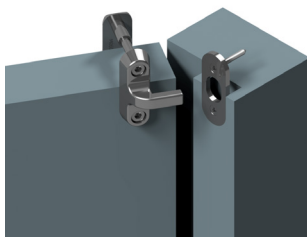
* Order separately, as required

HB1-B (METRIC)/HB1-C (IMPERIAL)

Through-Bolt Hinge (dog) Bolt

Technical information:

- 10mm (0.394") section stainless steel curved bolt projecting 15mm (0.591")
- Ideal for retro fitting to upgrade security on the hinge side of the door
- 5mm (0.196") stainless steel strap with through-bolt fixing secures hinge bolt to the door
- 'SB1' stainless steel keep plate x 5mm (0.196") thick *



* Order separately, as required

SELF CODING SYSTEM

Hinge Bolts have a structured ordering code that covers the chosen methods of system, type, pins/straps and fixing types, additional enhancements can be added to further customise the device.

EXAMPLE ORDER CODE: HB1-B-2

SYSTEM		TYPE		PINS/STRAPS		FIXING TYPE	
HB	Hinge Bolts	0	Concealed	A	Medium Duty (S3-SG)	0	None Provided
				B	Heavy Duty (S-8375-0005)	1	Wood Screws (HB1A Only)
		1	Surface	A	No Strap	2	Machine Screws (HB1A, HB1B, HB1C Only)
				B	Through-Bolt Strap (Metric M8)	3	Steel Core (HB1A Only)
				C	Through-Bolt Strap (UNC 5/16)		



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