

STANLEY[®]
Security Solutions



CONTINUOUS HINGES

ALUMINUM CONTINUOUS
GEARED HINGES

STANLEY[®]

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COMPANY HISTORY



**The Stanley Works
New Britain, CT in 1843**

As a young man in 1843, Frederick T. Stanley founded The Stanley Works – a small company located in New Britain, Connecticut that manufactured hinges, bolts and other door hardware in a one-story wooden building.

Mr. Stanley’s vision was to create a hardware company with unsurpassed customer service, product innovation and integrity – and to offer products that would become the first choice among professionals around the world.

With the early success of this mission and an increasing demand for his high-quality goods, Mr. Stanley began exporting his products in the 1870s.

Today, Stanley is a global organization supplying hardware and tools for the architectural, consumer, industrial and residential markets worldwide. Utilizing state-of-the-art research, manufacturing and quality-control capabilities, Stanley continues to deliver the innovative, high quality products that have made the Stanley name synonymous with the highest craftsmanship and dependability for more than 160 years.

To our valued customers, we appreciate your loyalty over the years and proudly present our Architectural Hardware offering.

Commercial Customer Service: 1-800-337-4393
www.stanleyhardware.com



LifeSpan®

**660 Series
Continuous Hinges**



**Installs in minutes –
Lasts a lifetime**

Stanley 660 Series Continuous Hinge design is as tough and practical as it is attractive. Made of 6065 T5 aluminum, it is designed and built to last for the life of the building. Uniquely shaped “form follows function” bearing channel is pleasing to the eye and applauded by architects. The standard duty hinge has 16 bearings for a typical 7’ door compared to 32 bearings on a heavy duty design for the same door height. Lubricated with polytetrafluoroethylene for maximum durability. Utilizing computer aided finite element analysis, is precision engineered with a minimum number of fasteners, thus reducing installation time without sacrificing performance. Innovative anti spinning through-bolts on half surface and full surface models reduce labor cost. All models conform to ANSI/BHMA A156-26-1996, Grade 1 Standard. Product right out of the box has a 90 minute fire rating. Hinges for 3 hour fire doors use heat activated fire pins (FP). All have been tested and certified by UL to UL10C Standard. Available in anodized clear (AL), BHMA 628 and dark bronze (DB), BHMA 710 finishes.

LifeSpan® – Limited Lifetime Warranty

Stanley warrants this product to the original purchaser for its useful life (not to exceed one year for products with electrical or electronic components) against deficiencies in material and workmanship. This LIMITED LIFETIME WARRANTY does not cover products that are improperly used, abused, altered or repaired. Deficient products will be replaced or repaired. In addition, any Architectural Hardware items trademarked with “Lifespan®” are covered by a LIMITED LIFETIME WARRANTY for the life of the building in which the products were originally installed. Please call your Stanley Sales Representative or Customer Service for more information and/or return instructions.

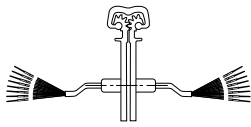
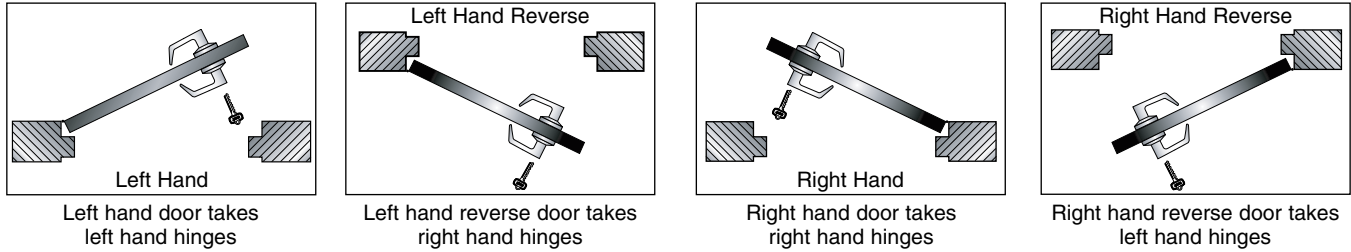
THIS LIMITED LIFETIME WARRANTY IS GIVEN IN LIEU OF ALL OTHERS INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND EXCLUDES ALL INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you. This LIMITED LIFETIME WARRANTY gives you specific legal rights that may vary from state to state.

ALUMINUM CONTINUOUS GEARED HINGES

General Information and Options **LifeSpan** 

How to Determine Hand of Hinge

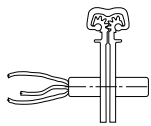
- The hand of a hinge is determined from the outside of the door to which it is applied
- The outside of a cupboard, bookcase or closet door is the room side. For other doors, the outside is usually the side from which security is necessary.



CE – (Concealed Electric)

Conducts current regardless of door position to electric locks, exit devices, hold open devices, etc. Specify hand available option with models: 660, 661HD, 662, and 662HD

Electrical Ratings		
Suffix	# Wires	Volts (AC or DC)
		6, 12, 24
		Current
-54	4	1 AMP/Wire
-58	8	0.5 AMP/Wire



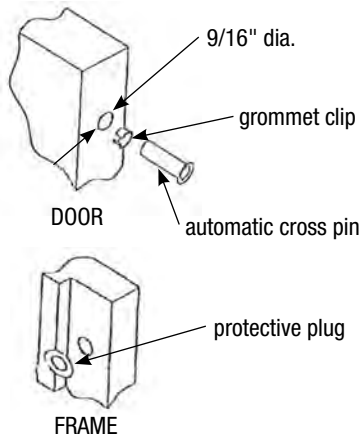
CS – (Concealed Switch)

Allows for opening monitoring. Used to actuate alarms, or other security equipment. Specify hand. Available on models: 661, 661HD, 662, and 662HD



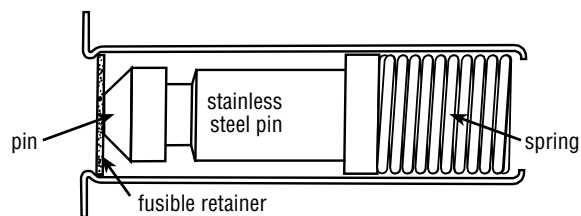
EPT – (Electric Power Transfer)

Hinge-leaves are modified to accept an EPT device. Specify hand, location, manufacturer and model of EPT.



FP – (Fire Pin)

Hinges for 3 holler fine doors use thermally activated stainless steel, automatic fire pin.



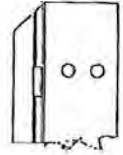
UG599, EDP# 16-0022 are also available for purchase separately

ALUMINUM CONTINUOUS GEARED HINGES

Options **LifeSpan** 

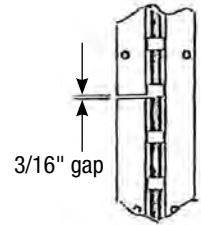
HT – (Hospital Tip)

Barrel end on hinge top is sloped making cleaning easier and making it difficult to attach ropes, clothing apparel, and other items, thus reducing the risk of harm. Specify hand.



Dutch Door Prep. –

Frame leaf is continuous and door leaf is two piece. Specify cut portion from bottom of hinge, space between leafs, and hand.



Aluminum Replacement Covers –

For half and full surface hinges

10' Section – AL	47-7922
10' Section – DB	47-7923



School Option –

Anti vandal plug prohibits insertion of destructive objects into the gears of the hinge.



Fasteners –

Screw Packs

50 ea. – TEK Screw Finish – AL	57-0119
50 ea. – TEX Screw Finish – DB	57-0120

The following screw pack sets will cover up to a 10' hinge

Set – Through-Bolt Full Surface – AL	57-0121
Set – Through-Bolt Full Surface – DB	57-0122
Set – Through-Bolt Half Surface – AL	57-0123
Set – Through-Bolt Half Surface – DB	57-0124

ALUMINUM CONTINUOUS GEARED HINGES



SIZING DOORS AND FRAMES FOR STANDARD AND HEAVY DUTY ALUMINUM GEARED TYPE CONTINUOUS HINGES*

Sizing of doors width for models: 661, 661HD, 662, 662HD

Single Doors

Square Edge Door

Hinge allowance	5/16"	(8mm)
Allowance for frame irregularities	1/32"	(0.8mm)
Typical lockside clearance	1/8"	(3.2mm)
Total	15/32"	(12.0mm)

1/8" in 2" Beveled Edge Door

Hinge allowance	5/16"	(8mm)
Allowance for beveled edge door	1/32"	(0.8mm)
Allowance for frame irregularities	1/32"	(0.8mm)
Typical lockside clearance	1/8"	(3.2mm)
Total	1/2"	(12.8mm)

Pairs of Doors

Square Edge Door

Allowance for 2 hinges	5/8"	(15.9mm)
Allowance for frame irregularities (2 frames)	1/16"	(1.6mm)
Typical clearance between doors	3/16"	(4.8mm)
Total	7/8"	(22.3mm)

1/8" in 2" Beveled Edge Door

Allowance for 2 hinges	5/8"	(15.9mm)
Allowance for beveled edge door (x2)	1/16"	(1.6mm)
Allowance for frame irregularities (2 frames)	1/16"	(1.6mm)
Typical clearance between doors	3/16"	(4.8mm)
Total	15/16"	(23.9mm)

Sizing of doors width for models: 663, 663HD

Single Door (square or beveled edge)

Hinge allowance	1/8"	(3.2mm)
Allowance for frame irregularities	1/32"	(0.8mm)
Typical lockside clearance	1/8"	(3.2mm)
Total	9/32"	(7.2mm)

Pairs of Door (square or beveled edge)

Allowance for 2 hinges	1/4"	(6.4mm)
Allowance for frame irregularities (2 frames)	1/16"	(1.6mm)
Typical clearance between doors	3/16"	(4.8mm)
Total	1/2"	(12.8mm)

Sizing of doors width for models: 664, 664HD, 665, 665HD

Allowance for frame irregularities	1/32"	(0.8mm) min.
Typical lockside clearance	1/8"	(3.2mm)
Total	5/32"	(4.8mm) min.

Allowance for frame irregularities (2 frames)	1/16"	(1.6mm) min.
Typical clearance between doors	3/16"	(4.8mm)
Total	1/4"	(6.4mm) min.

*Please be advised that the suggested clearance outlined here are for typical applications. Individual applications may differ.

Please also note that:

- Beveled edge doors are measured on the high side.
- Recommended head clearance for all models is 1/8".

ALUMINUM CONTINUOUS GEARED HINGES

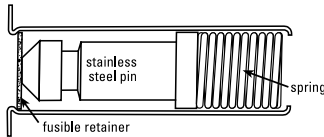
Full Mortise **LifeSpan** 

- 661** – Standard Duty for flush door and frame applications
- 661 HD** – Heavy Duty for flush door and frame applications
- 662** – Standard Duty for $\frac{3}{32}$ " inset doors
- 662 HD** – Heavy Duty for $\frac{3}{32}$ " inset doors

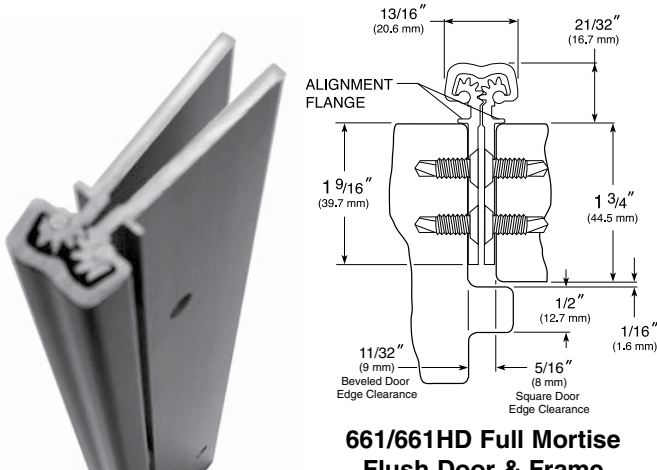
- Distributes door weight and stress along the full length of door and frame
- No misaligned pivot points of individual hinges
- Typically no additional reinforcement required
- Clear aluminum and dark bronze anodized finishes
- Standard duty and heavy duty conform to ANSI/BHMA Standard A156.26-1996, Grade 1
- Supports doors up to 600 lbs
- LifeSpan® hinge covered by a limited lifetime warranty for the life of the building
- Engineered with polymer PTFE bearing for maximum durability
- 90-minute rating standard on all hinges. 3-hour rating available with fire pins (FP)

Hinges can be furnished as follows:

- with hospital tips (HT)
- with electric wires (CE)
- with electric switches (CS)
- with electric power transfer (EPT) prep – Specify manufacturer and model number of transfer
- with dutch door prep
- custom length
- school option

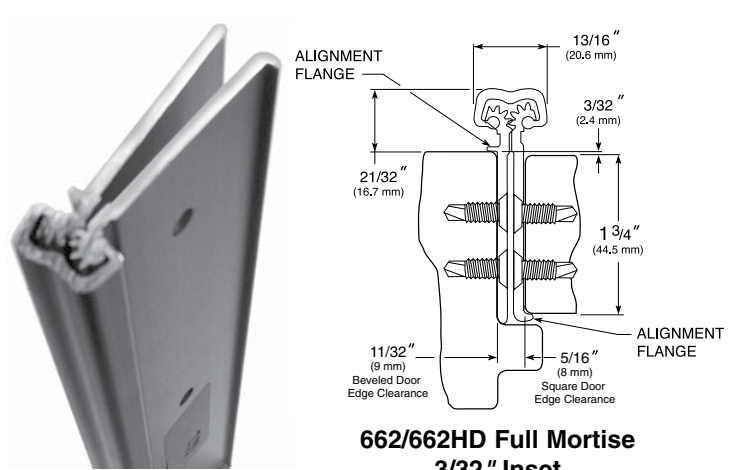


Fire Pin



661

**661/661HD Full Mortise
Flush Door & Frame**



662

**662/662HD Full Mortise
3/32\"/>**

Length		Finish	Number of #12-24 x 5/8" TEK Screws Per Hinge	Quantity Per Carton	Carton Weight	
Inches	(mm)				Lbs.	(KG)
79	(2006)	AL & DB	36	1	7	(15.4)
83	(2108)	AL & DB	36	1	7	(15.4)
95	(2413)	AL & DB	40	1	8	(17.6)
119	(3022)	AL & DB	44	1	10	(22)

Wood and Machine screws available separately

ALUMINUM CONTINUOUS GEARED HINGES



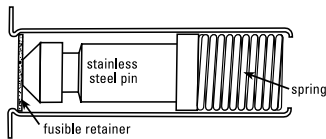
663 – Standard Duty
 663 HD – Heavy Duty

- Distributes door weight and stress along the full length of door and frame
- Ideal for retrofit applications
- No misaligned pivot points of individual hinges
- Clear aluminum and dark bronze anodized finishes
- Standard duty and heavy duty conform to ANSI/BHMA Standard A156.26-1996, Grade 1
- Supports doors up to 600 lbs
- LifeSpan® hinge covered by a limited lifetime warranty for the life of the building
- Engineered with polymer PTFE bearing for maximum durability
- Anti-spinning through-bolts reduce installation labor costs
- Universal cover plates for all configurations
- 90-minute rating standard on all hinges. 3-hour rating available with fire pins (FP)

Hinges can be furnished as follows:

- with hospital tips (HT)
- with dutch door prep
- custom length
- school option

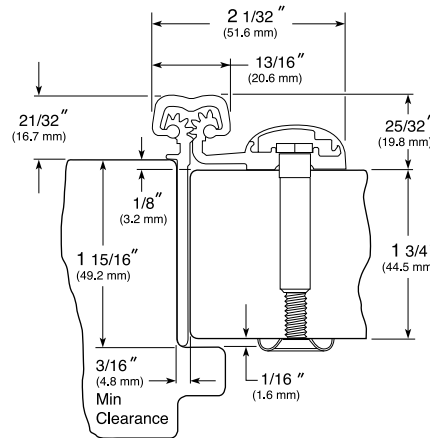
Replacement covers available separately



Fire Pin



663



Length		Finish	Number of #12-24 x 5/8" TEK Screws Per Hinge	Number of #12-24 x 1 1/2" Through-Bolts and #12-24 x 1 1/8" Machine Screws Per Hinge	Qty Per Carton	Carton Weight	
Inches	(mm)					Lbs.	(KG)
79	(2006)	AL & DB	34	10	1	7	(15.4)
83	(2108)	AL & DB	34	10	1	7	(15.4)
95	(2413)	AL & DB	38	11	1	8	(17.6)
119	(3022)	AL & DB	42	12	1	10	(22)

Wood and Machine screws available separately



ALUMINUM CONTINUOUS GEARED HINGES



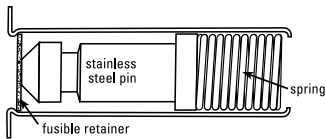
664 – Standard Duty for standard and narrow jamb applications
664 HD – Heavy Duty for standard and narrow jamb applications

- Distributes door weight and stress along the full length of door and frame
- Ideal for retrofit applications
- No misaligned pivot points of individual hinges
- Clear aluminum and dark bronze anodized finishes
- Standard duty and heavy duty conform to ANSI/BHMA Standard A156.26-1996, Grade 1
- Supports doors up to 600 lbs
- LifeSpan® hinge covered by a limited lifetime warranty for the life of the building
- Engineered with polymer PTFE bearing for maximum durability
- Anti-spinning through-bolts reduce installation labor costs
- Universal cover plates for all configurations
- 90-minute rating standard on all hinges. 3-hour rating available with fire pins (FP)

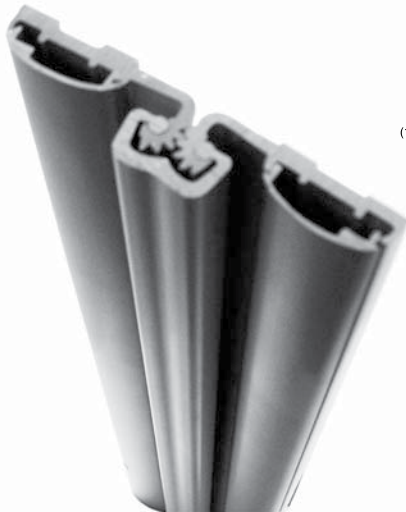
Hinges can be furnished as follows:

- with hospital tips (HT)
- with dutch door prep
- custom length
- school option

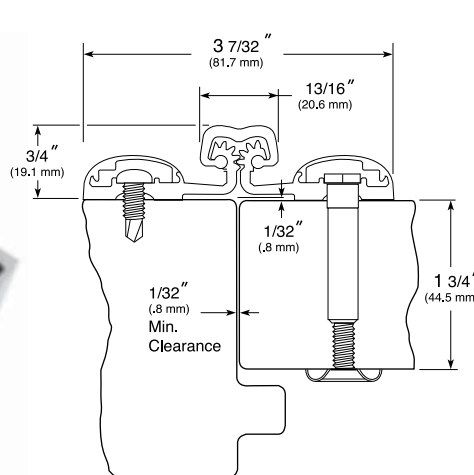
Replacement covers available separately



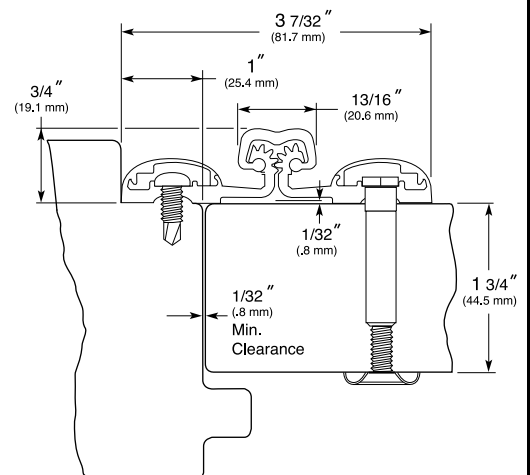
Fire Pin



664



Standard Jamb



Narrow Jamb

Length		Finish	Number of #12-24 x 5/8" TEK Screws Per Hinge	Number of #12-24 x 1 1/2" Through-Bolts and #12-24 x 1 1/8" Machine Screws Per Hinge	Qty Per Carton	Carton Weight	
Inches	(mm)					Lbs.	(KG)
79	(2006)	AL & DB	34	10	1	7	(15.4)
83	(2108)	AL & DB	34	10	1	7	(15.4)
95	(2413)	AL & DB	38	11	1	8	(17.6)
119	(3022)	AL & DB	42	12	1	10	(22)

Wood and Machine screws available separately

ALUMINUM CONTINUOUS GEARED HINGES

Full Surface Swing Clear **LifeSpan** 

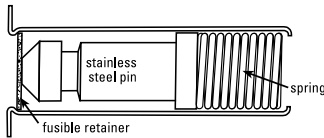
665 – Standard Duty
 665 HD – Heavy Duty

- Swings door out of opening at approximately 90 degrees
- Distributes door weight and stress along the full length of door and frame
- No misaligned pivot points of individual hinges
- Clear aluminum and dark bronze anodized finishes
- Standard duty and heavy duty conform to ANSI/BHMA Standard A156.26-1996, Grade 1
- Supports doors up to 600 lbs
- LifeSpan® hinge covered by a limited lifetime warranty for the life of the building
- Engineered with polymer PTFE bearing for maximum durability
- Anti-spinning through-bolts reduce installation labor costs
- Universal cover plates for all configuration
- 90-minute rating standard on all hinges. 3-hour rating available with fire pins (FP)

Hinges can be furnished as follows:

- with hospital tips (HT)
- with dutch door prep
- custom length
- school option

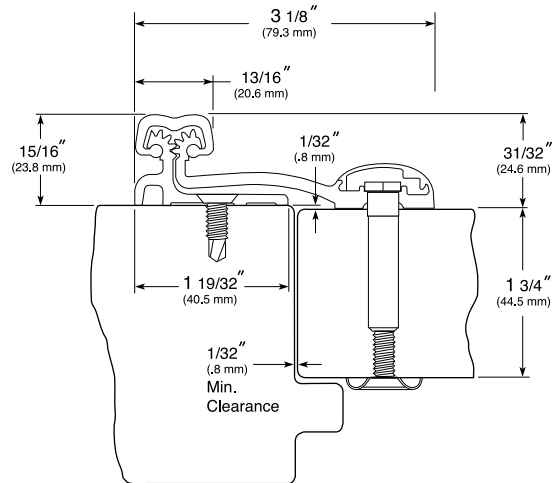
Replacement covers available separately



Fire Pin



665



Length		Finish	Number of #12-24 x 5/8" TEK Screws Per Hinge	Number of #12-24 x 1 1/2" Through-Bolts and #12-24 x 1 1/8" Machine Screws Per Hinge	Qty Per Carton	Carton Weight	
Inches	(mm)					Lbs.	(KG)
79	(2006)	AL & DB	34	10	1	7	(15.4)
83	(2108)	AL & DB	34	10	1	7	(15.4)
95	(2413)	AL & DB	38	11	1	8	(17.6)
119	(3022)	AL & DB	42	12	1	10	(22)

Wood and Machine screws available separately

ALUMINUM CONTINUOUS GEARED HINGES



EDP Numbers and Extras

CLASS NO.	LENGTH	FINISH	EDP NO.
661	79"	AL	47-7767
	79"	DB	47-7768
	83"	AL	47-7769
	83"	DB	47-7770
	95"	AL	47-7771
	95"	DB	47-7772
661HD	119"	AL	47-7773
	119"	DB	47-7774
	79"	AL	47-7808
	79"	DB	47-7809
	83"	AL	47-7810
	83"	DB	47-7811
661HD	95"	AL	47-7812
	95"	DB	47-7813
	119"	AL	47-7814
	119"	DB	47-7815

CLASS NO.	LENGTH	FINISH	EDP NO.
662	79"	AL	47-7759
	79"	DB	47-7760
	83"	AL	47-7761
	83"	DB	47-7762
	95"	AL	47-7763
	95"	DB	47-7764
662HD	119"	AL	47-7765
	119"	DB	47-7766
	79"	AL	47-7800
	79"	DB	47-7801
	83"	AL	47-7802
	83"	DB	47-7803
662HD	95"	AL	47-7804
	95"	DB	47-7805
	119"	AL	47-7806
	119"	DB	47-7807

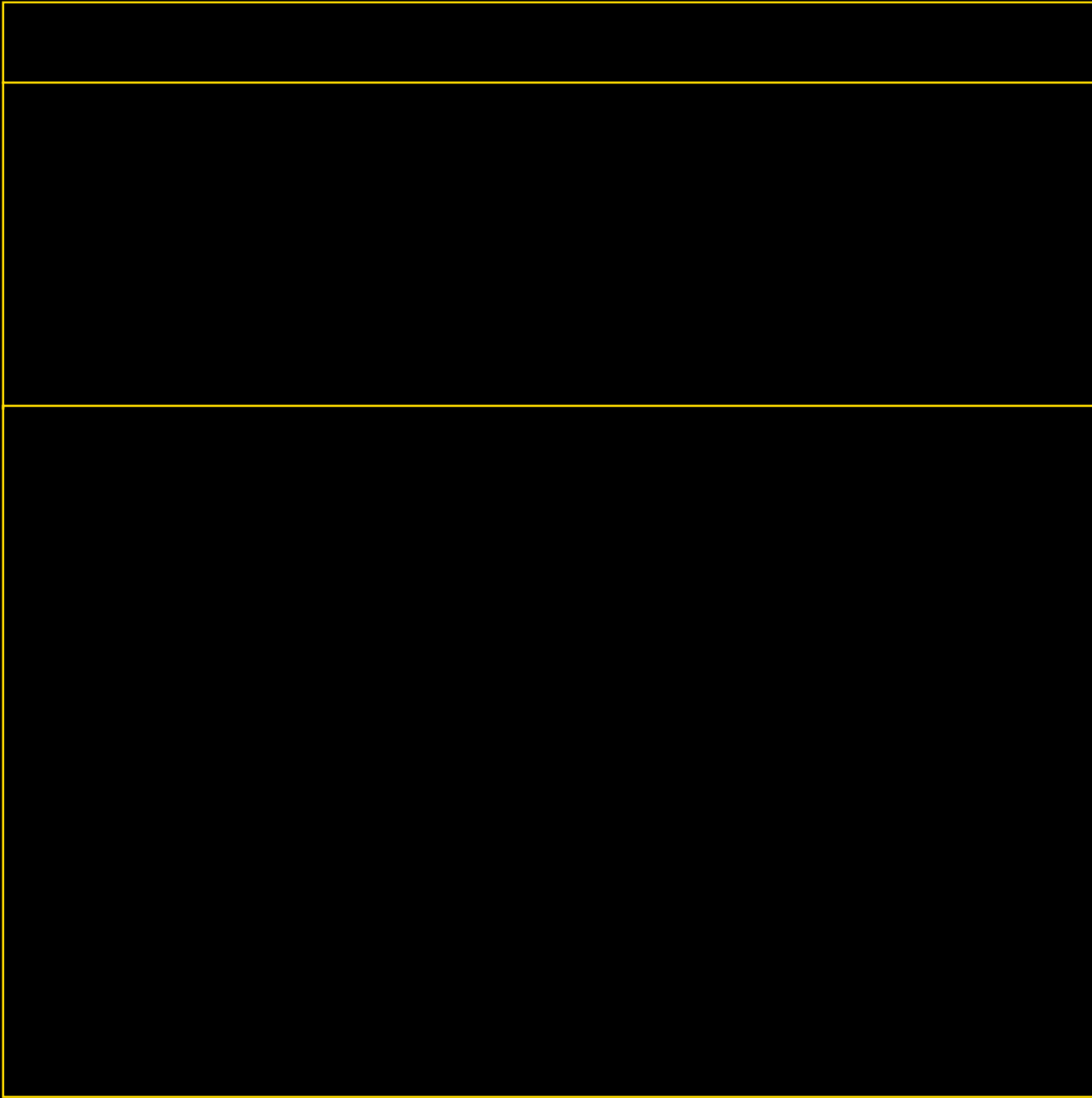
CLASS NO.	LENGTH	FINISH	EDP NO.
663	79"	AL	47-7751
	79"	DB	47-7752
	83"	AL	47-7753
	83"	DB	47-7754
	95"	AL	47-7755
	95"	DB	47-7756
663HD	119"	AL	47-7757
	119"	DB	47-7758
	79"	AL	47-7792
	79"	DB	47-7793
	83"	AL	47-7794
	83"	DB	47-7795
663HD	95"	AL	47-7796
	95"	DB	47-7797
	119"	AL	47-7798
	119"	DB	47-7799

CLASS NO.	LENGTH	FINISH	EDP NO.
664	79"	AL	47-7775
	79"	DB	47-7776
	83"	AL	47-7777
	83"	DB	47-7778
	95"	AL	47-7779
	95"	DB	47-7780
664HD	119"	AL	47-7781
	119"	DB	47-7782
	79"	AL	47-7816
	79"	DB	47-7817
	83"	AL	47-7818
	83"	DB	47-7819
664HD	95"	AL	47-7820
	95"	DB	47-7821
	119"	AL	47-7822
	119"	DB	47-7823

CLASS NO.	LENGTH	FINISH	EDP NO.
665	79"	AL	47-7784
	79"	DB	47-7785
	83"	AL	47-7786
	83"	DB	47-7787
	95"	AL	47-7788
	95"	DB	47-7789
665HD	119"	AL	47-7790
	119"	DB	47-7791
	79"	AL	47-7824
	79"	DB	47-7825
	83"	AL	47-7826
	83"	DB	47-7827
665HD	95"	AL	47-7828
	95"	DB	47-7829
	119"	AL	47-7830
	119"	DB	47-7831

For more information on Stanley Security Solutions' products, services, and office locations visit our web site at www.stanleysecuritysolutions.com

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Security Solutions

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