



# Champion Safe Co.

*Built up to a standard,  
Not down to a price.*



# Champion Offers Real Security

In today's marketplace not all safes are created equal. In the quest for corporate profits, safes have become lighter, their walls thinner. Many safes are now constructed of thin-gauge metal bent to look thick, offering little more security than your old high school locker. These cleverly disguised products may look substantial but can be pried open in only a few minutes.

Even reputable American safe companies are providing cheap, China-built imports with inferior designs, substandard materials and offering low levels of security. You'll find these inadequate safes offered at big retail stores for less than \$1,000. The security offered by cheap, light-weight safes is often merely an illusion, lulling many unsuspecting buyers into a false sense of security.

Remember in the old movies how the bank robbers used dynamite to blast safes open? That's because those were heavy, tough safes—too tough to break into using conventional tools. Unfortunately, dynamite is no longer needed to enter many of today's lightweight home safes; all a thief needs is a couple of large screwdrivers.

Champion still builds safes the old-fashioned way—heavy and tough with thick American-made high-strength steel! Our safes are "built up to a standard, not down to a price." That's why our safes are the heaviest, strongest, and most secure safes on the market.

The old adage "You get what you pay for" never had more meaning when purchasing a safe. Sometimes the cost difference between low quality and excellent isn't very much — an amount you probably won't remember a year or two from now. A few dollars more can purchase a higher quality safe offering greater security, satisfaction and lasting value.



## CHAMPION LINE UP

### CROWN

Our finest Safe! The Crown is a synthesis of thick heavy steel, thermal engineering, door defense systems and elegance. The Crown's heavy steel body and its massive Triple-Step™ door work together with the Glass-Guard™ Door Defense System to create our ultimate in security.

### TRIUMPH

Our best selling, high-security safe. Until now maximum security has not been available in a safe of the Triumph's class. This masterpiece has it all – the right combination of heavy steel, security, fire protection, style and enduring value.

### TROPHY

This one is a proven winner. Clad with the thickest, heaviest steel in its class, armed with what many locksmiths consider the best boltworks, and loaded with fire protection, the Trophy provides lasting security – at a most attractive price.

### MEDALIST

Our Medalist is built with the same exacting precision as Champion's higher-end models. It offers many features our competitors can't afford to offer – like thicker steel, internal ball-bearing hinges and 100% active door bolts – all at an affordable price.

### MODEL T

Henry Ford would be proud of this one: one model, one size, one color, but rugged and reliable. Our safe is head and shoulders over the China imports. The Model T offers excellent security at our most affordable pricing. You can't get a better safe for less cost.



# Crown Series

## THERE'S ONLY ONE CROWN

Only one safe can be the best. Champion's Crown Series has won its title for being the crowning achievement in safe manufacturing. The Crown is the perfect synthesis of strength, fire protection, precision, and elegance. The Crown's thick 3/16-inch body and its massive Triple-Step™ door work together with sophisticated door defense systems to create the ultimate standard in security. The precision radial gear-driven boltworks possess unsurpassed strength and smoothness. The Crown's 1750°F two-hour fire rating is one of the best in the industry. The plush velour interior features LED lighting and a custom door organizer for convenience. Four two-tone and five high-gloss mirror finishes add a final touch of class. Only one safe can be the best—it's the Crown.

### ◀ Model CR-65

- Silver Birch Two-Tone Metallic Paint
- Black Chrome Lock and Handle
- Standard S&G® Dial Lock

## UPGRADES FROM TRIUMPH

Steel Body – 3/16"
2.7 Times Stronger than Triumph
Outer Door Steel – 3/8" Solid
3.38 Times Stronger than Triumph
Inner Door Steel – 10-Gauge Full Plate
Steel Weight – 30% More than Triumph
Triple-Step™ Door
Radial Gear Drive
Glass-Guard™ Relock System
4¼" Dia. Machined Five-Spoke Handle
Fire Rating – 1750° F Two Hour
Fire Insulation – 4 Layers, 5/8" Type X
Fire Seal – Three Heat Expanding
Bank Box™ Storage System (CR-55 & CR-65)

# Crown

## BODY

- Up to 2¾"-Thick Composite Walls
- 3/16" Steel Walls
- Four Layers of Fire Insulation
- Double-Steel Door Casement™
- Triple Fire Seals

## MAXIMUM-SECURITY DOOR

- Exclusive Five-Inch Thick Triple-Step™ Door
- 3/8" Outer Door Steel, 10-Gauge Inner
- Three Layers of Fire Insulation
- Internal Ball-Bearing Hinges
- Five-Spoke Custom Handle with Slip Clutch

## BOLTWORKS

- Radial Gear-Driven Boltworks
- Four-Way Active Boltworks
- Up to 20, 1½"-Diameter Bolts
- Bolt-Detent™ System
- Roughneck™ Bolt Guides

## LOCK PROTECTION

- Sargent & Greenleaf® Group II Dial Lock
- Glass-Guard™ Relock System with Remote Relockers
- Champion's Auto-Relock™ System
- Diamond-Embedded Armor Plate™

## INTERIOR

- Plush Velour Interior
- Bank Box™ Storage System (CR-65, CR-55)
- High Capacity Gun Racks
- LED Lighting with Motion Sensor
- Internal 120-Volt Outlet
- Deluxe Door Organizer

## RATINGS

### • 1750°F TWO-HOUR FIRE RATING

- Phoenix™ Class V Fire Protection
- Tested in an ASME Certified Facility
- Ⓛ Security Rating
- Lifetime Warranty

## COLORS (Exterior/Interior)

### TEXTURED FINISH



Exclusive Five-Spoke Custom Handle

### HIGH-GLOSS POLYURETHANE



### TWO-TONE HIGH-GLOSS POLYURETHANE



**M** = metallic paint color



Radial Gear-Driven Boltworks



Three Fire Seals



Triple-Step™ Door



Bank Box™ Storage Drawers

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	DOOR STEEL THICKNESS	ACTIVE BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*						
CR-65	52"	73"	27½"	30"	65 CF	1975	3/16"	1/2"	20 - 1½"	64/58**
CR-55	46"	73"	27½"	30"	55 CF	1800	3/16"	1/2"	18 - 1½"	58/49**
CR-45	40"	67"	27½"	30"	45 CF	1525	3/16"	1/2"	16 - 1½"	49
CR-35	35"	67"	25½"	28"	35 CF	1275	3/16"	1/2"	16 - 1½"	36

\*Total Depth includes 2 ½" for handle. \*\*With Bank Box™ Storage Drawers



# Triumph Series

## MAXIMUM PROTECTION

Champion has dared mighty things to produce the Triumph Series. Until now maximum security has not been available in a safe of the Triumph's class. Its heavy 10-gauge steel body with a Double-Steel Door Casement™ provides a pry-resistant fortress. The Triumph's thick Double-Step™ door and precision cam-driven boltworks with 1½"-diameter locking bolts provide maximum security. The Triumph's state-of-the-art door defense systems include: full inner door steel, Cam-Lock™ Pressure Reliever, Diamond-Embedded Armor Plate™ lock protection, and a mechanical relocking system. Double fire seals assist with a 1650°F 90-minute fire rating—unsurpassed in its class. Add to this a velour interior, LED lighting, and a deluxe door organizer, and you complete the masterpiece.

### ◀ Model TR-25

- Burgundy Metallic Paint
- Gold Lock and Handle
- Standard S&G® Dial Lock

## UPGRADES FROM TROPHY

Steel Body – 10-Gauge
1.42 Times Stronger than Trophy
Outer Door Steel – 1/4" Solid
13 Times Stronger than Trophy
Steel Weight – 20% More than Trophy
Double-Step™ Door
Fire Rating – 1650° F 90-Minute
Fire Insulation – 3 Layers, 5/8" Type X
Fire Seal – Two Heat Expanding
Cam-Lock™ Pressure Reliever
Bolt Diameter – 1½"
Bolt Count – Up to 20
3¼" Dia. Machined Five-Spoke Handle
LED Lighting with Motion Sensor
Electrical Power Inlet
Two-Tone Finish Option
Size Upgrade (TR-75)
Made in USA

Triumph

## BODY

- Two-Inch Thick Composite Walls
- 10-Gauge Steel Walls
- Three Layers of Fire Insulation
- Double-Steel Door Casement™
- Dual Fire Seals

## MAXIMUM-SECURITY DOOR

- Exclusive Five-Inch Thick Double-Step™ Door
- 1/4" Outer Door Steel, 12-Gauge Inner
- 1/2" Reinforced Door Edge
- Three Layers of Fire Insulation
- Internal Ball-Bearing Hinges
- Five-Spoke Handle with Slip Clutch

## BOLTWORKS

- Four-Way Active Boltworks
- Up to 20, 1½"-Diameter Bolts
- Bolt-Detent™ System
- Roughneck™ Bolt Guides
- Cam-Lock™ Pressure Reliever

## LOCK PROTECTION

- Sargent & Greenleaf® Group II Dial Lock
- Champion's Auto-Relock™ System
- Diamond-Embedded Armor Plate™

## INTERIOR

- Plush Velour Interior
- High Capacity Gun Rack
- LED Lighting with Motion Sensor
- Internal 120-Volt Outlet
- Deluxe Door Organizer

\*Total Depth includes 2 ½" for handle.

## RATINGS

### • 1650°F 90-MINUTE FIRE RATING

- Phoenix™ Class IV Fire Protection
- Tested in an ASME Certified Facility
- Ⓛ Security Rating
- Lifetime Warranty

## COLORS (Exterior/Interior)

### TEXTURED FINISH



Five-Spoke Custom Handle

### HIGH-GLOSS POLYURETHANE



### TWO-TONE HIGH-GLOSS POLYURETHANE



Dual Fire Seals



Plush Velour Interior



Deluxe Door Organizer



Double-Step™ Door

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	DOOR STEEL THICKNESS	ACTIVE BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*						
TR-75	56"	72¼"	32½"	35"	75 CF	1800	10 ga.	3/8"	20 - 1½"	102
TR-60	50"	72¼"	27½"	30"	59 CF	1475	10 ga.	3/8"	20 - 1½"	64
TR-50	44"	72¼"	27½"	30"	51 CF	1350	10 ga.	3/8"	18 - 1½"	58
TR-40	38"	66¼"	26½"	29"	39 CF	1100	10 ga.	3/8"	16 - 1½"	49
TR-30	32"	66¼"	24½"	27"	30 CF	925	10 ga.	3/8"	16 - 1½"	36
TR-25	32"	60¼"	24½"	27"	27 CF	825	10 ga.	3/8"	14 - 1½"	36



# Trophy Series

## NO COMPROMISE FOR GREATNESS

Built with the same exacting precision and superiority as Champion's higher-end models, the Trophy Series offers rugged protection. Its 11-gauge steel body, reinforced with a Double-Steel Door Casement™, provides a solid steel foundation. Its thick composite door with full inner door steel and numerous 1¼"-diameter four-way active door bolts provide excellent security. The Trophy's door defense system includes, Champion's Auto-Relock™ system and Diamond-Embedded Armor Plate™. To protect from the hottest fires, it boasts a 1500° F 75-minute fire rating. The Trophy Series comes in high-gloss and textured finishes, with a velour-covered interior and convenient door organizer.

### UPGRADES FROM MEDALIST

Steel Body – 11-Gauge
1.45 Times Stronger than Medalist
Door Edge Thickness – 1¼"
Steel Weight – 20% More than Medalist
Door Bolt Count – Up to 16
Fire Rating – 1500° F 75-Minute
Fire Insulation – Up to 3 Layers, 5/8" Type X
Five-Spoke Handle
Size Upgrade – TY-60

## Model TY-42

- Black Gloss Paint
- Chrome Lock and Handle
- Standard S&G® Dial Lock

Trophy



## BODY

- Up to Two-Inch Thick Composite Walls
- 11-Gauge Steel Walls
- Up to Three Layers of Fire Insulation
- Double-Steel Door Casement™

## HIGH-SECURITY DOOR

- 4½"-Thick Composite Door
- Two Full Layers 12-Gauge Door Steel
- Internal Ball-Bearing Hinges
- Three Layers of Fire Insulation
- Five-Spoke Handle with Slip Clutch

## BOLTWORKS

- Four-Way Active Boltworks
- Up to 16, 1¼"-Diameter Bolts
- Bolt-Detent™ System
- Roughneck™ Bolt Guides

## LOCK PROTECTION

- Sargent & Greenleaf® Group II Dial Lock Standard
- Champion's Auto-Relock™ System
- Diamond-Embedded Armor Plate™

## INTERIOR

- Plush Velour Interior
- High Capacity Gun Racks
- Steel Reinforced Top Shelves (TY-60, TY-50, TY-42, TY-35)
- Deluxe Door Organizer

## RATINGS

### • 1500°F 75-MINUTE FIRE RATING

- Phoenix™ Class III Fire Protection
- Tested in an ASME Certified Facility
- Ⓛ Security Rating
- Lifetime Warranty

## COLORS (Exterior/Interior)

### TEXTURED FINISH



Five-Spoke Handle

### HIGH-GLOSS POLYURETHANE



Four-Way Active Boltworks



4½"-Thick Composite Door



Sargent & Greenleaf® Dial Lock



Deluxe Door Organizer

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	DOOR STEEL THICKNESS	ACTIVE BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*						
TY-60	50"	72¼"	28"	31"	60 CF	1275	11 ga.	1/4"	16 - 1¼"	62
TY-50	43"	72¼"	28"	31"	50 CF	1050	11 ga.	1/4"	16 - 1¼"	52
TY-42	43"	60¼"	28"	31"	42 CF	925	11 ga.	1/4"	14 - 1¼"	52
TY-35	37"	60¼"	26"	29"	35 CF	800	11 ga.	1/4"	14 - 1¼"	42
TY-25	31"	60¼"	24"	27"	25 CF	675	11 ga.	1/4"	14 - 1¼"	24
TY-19	24"	60¼"	20"	23"	19 CF	500	11 ga.	1/4"	12 - 1¼"	12

\*Total Depth includes 3" for handle.



# Medalist Series

## BEST IN CLASS

The Medalist Series is our most popular safe—and for good reason. It offers excellent security, fire protection, and quality at an attractive price. The Medalist's body is formed from 12-gauge American-made steel with a reinforced Double-Steel Door Casement™. Its door is constructed from two full layers of steel with a precision four-way active boltworks. Other features include: clutch-driven mechanism, complete door defense systems, and Champion's bolt-detent. Its 1350° 60-minute fire rating is unmatched in its price range. After careful examination, you'll find the Medalist Series surpasses all other safes in its class. In fact, you'll find it superior to most higher-priced products on the market.

## Model MD-45

- Burgundy Gloss Paint
- Optional Gold Lock and Handle
- Optional La Gard® Electronic Lock

## UPGRADES FROM MODEL T

Composite Door Design
Full Inner Door Steel – 12-Gauge
Bolt Diameter – 1¼"
Increased Door Bolt Count
Auto-Relock™ System
Fire Rating – 1350° F 60-Minute
High-Gloss Finishes

Medalist

## BODY

- Up to Two-Inch Thick Composite Walls
- 12-Gauge Steel Walls
- Up to Three Layers of Fire Insulation
- Double-Steel Door Casement™

## HIGH-SECURITY DOOR

- 4½"-Thick Door
- Two Full Layers 12-Gauge Door Steel
- Internal Ball-Bearing Hinges
- Two Layers of Fire Insulation
- Three-Spoke Handle with Slip Clutch

## BOLTWORKS

- Four-Way Active Boltworks
- Up to 14, 1¼"-Diameter Bolts
- Bolt-Detent™ System
- Roughneck™ Bolt Guides

## LOCK PROTECTION


- Sargent & Greenleaf® Group II Dial Lock
- Champion's Auto-Relock™ System
- Diamond-Embedded Armor Plate™

## INTERIOR

- Plush Velour Interior
- High Capacity Gun Racks
- Steel Reinforced Top Shelf (MD-45, MD-41)
- Deluxe Door Organizer

## RATINGS

### • 1350° 60-MINUTE FIRE RATING

- Phoenix™ Class II Fire Protection
- Tested in an ASME Certified Facility
-  Security Rating
- Lifetime Warranty

## COLORS (Exterior/Interior)

### TEXTURED FINISH



Gray Beige

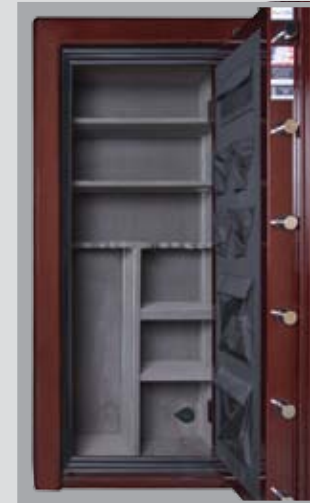


Three-Spoke Handle

### HIGH-GLOSS POLYURETHANE



Gray Beige Beige Gray Beige



Plush Velour Interior



Four-Way Active Boltworks



Deluxe Door Organizer

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	DOOR STEEL THICKNESS	ACTIVE BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*						
MD-45	40"	72½"	26"	29"	44 CF	900	12 ga.	1/4"	14 - 1¼"	52
MD-41	40"	60½"	26"	29"	37 CF	775	12 ga.	1/4"	12 - 1¼"	52
MD-31	36"	60½"	24"	27"	31 CF	650	12 ga.	1/4"	12 - 1¼"	28
MD-22	30"	60½"	21"	24"	22 CF	550	12 ga.	1/4"	12 - 1¼"	24
MD-19	24"	60½"	20"	23"	17 CF	475	12 ga.	1/4"	12 - 1¼"	12

\*Total Depth includes 3" for handle.



# Model T Series

## THE STANDARD IS SET

Ol' Henry Ford would be proud of this safe; his time-honored philosophy of simplicity and functionality finds its home here. This rugged and reliable safe comes in one size and one color—a classy, textured granite finish. Its internal hinged door is a remarkable piece of work featuring a four-way active boltwork. The Model T provides high security and excellent quality at Champion's most economical pricing—a safe all can afford to own.

## COLORS (Exterior/Interior)

### TEXTURED FINISH



Granite

Gray



Three-Spoke Handle



Standard S&G® Dial Lock

### MODEL T FEATURES

1325°F 45-Minute Fire Rating

12-Gauge Steel Walls

1"-Thick Door Edge

1"-Diameter Locking Bolts

Four-Way Active Boltworks

Double-Steel Door Casement™

Diamond-Embedded  
Armor Plate™

Bolt-Detent™ System

Plush Velour Interior

Deluxe Door Organizer

## BODY

- 12-Gauge Steel Body
- Up to 2" Thick Composite Walls
- Double-Steel Door Casement™

## HIGH-SECURITY DOOR

- 4¼"-Thick Composite Door
- Two Layers of Fire Insulation
- Internal Ball-Bearing Hinges
- Champion's Auto-Relock™ System
- Sargent & Greenleaf® Dial Lock
- Three-Spoke Handle w/ Slip Clutch

## BOLTWORKS

- Four-Way Active Boltworks
- Eight, One-Inch Diameter Bolts
- Bolt-Detent™ System
- Roughneck™ Bolt Guides

## RATINGS

### • 1325°F 45-MINUTE FIRE RATING

- Phoenix™ Class I Fire Protection
- Tested in an ASME Certified Facility
- Ⓛ Security Rating
- Lifetime Warranty

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	DOOR STEEL THICKNESS	ACTIVE BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*						
MT-21	28"	60"	20"	23"	20 CF	475	12 ga.	12 ga.	8 - 1"	24

\*Total Depth includes 3" for handle.



# SS Safe Series



## SMALL SIZE, BIG VALUE

Sometimes great things come in small packages. The SS (Short Series) Safe has many of the same features as our larger safes but with a more compact design. The SS Series features a 12-gauge steel body, four-way active boltworks, and a 1350° 60-minute fire rating. External hinges provide a full 180° door opening. Just as tough as our full-size safes, the SS Series is recognized for its superiority and enduring value.

### ◀ Model SS-12

- Black Gloss Paint
- Chrome Lock and Handle
- La Gard® Elecytonic Lock

SS FEATURES
1350°F 60-Minute Fire Rating
12-Gauge Steel Walls
1"-Thick Door Edge
1"-Diameter Locking Bolts
External Hinges
Four-Way Active Boltworks
Double-Steel Door Casement™
Diamond-Embedded Armor Plate™
Auto-Relock™ System
Bolt-Detent™ System
Plush Velour Interior

## BODY

- 12-Gauge Steel Body
- Up to 2" Thick Composite Walls
- Double-Steel Door Casement™

## HIGH-SECURITY DOOR

- 4½"-Thick Composite Door
- Two Full Layers of Door Steel
- External Hinges
- Sargent & Greenleaf® Dial Lock
- Three-Spoke Handle w/ Slip Clutch

## BOLTWORKS

- Four-Way Active Boltworks
- Eight, One-Inch Diameter Bolts
- Bolt-Detent™ System
- Roughneck™ Bolt Guides

## RATINGS

### • 1350°F 60-MINUTE FIRE RATING

- Phoenix™ Class II Fire Protection
- Tested in an ASME Certified Facility
- Ⓛ Security Rating
- Lifetime Warranty



Three-Spoke Handle

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	DOOR STEEL THICKNESS	ACTIVE BOLTS	INTERIOR SHELVES
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*						
SS-12	26"	40"	20"	23"	12 CF	350	12 ga.	1/4"	8 - 1"	3
SS-11	30"	30"	21"	24"	11 CF	325	12 ga.	10 ga.	8 - 1"	2
SS-09	24"	30"	20"	23"	9 CF	275	12 ga.	1/4"	8 - 1"	2

\*Total Depth includes 3" for handle.

## COLORS

	TEXTURED FINISH		HIGH-GLOSS POLYURETHANE	
	Granite	Sandstone	Black	Ivory
EXTERIOR:				
INTERIOR:				

# How Champion Builds Extreme Security

## BODY

A Champion safe body is pressure-formed from thick, American-made steel plate, with fully welded top and bottom caps—not from smaller pieces of steel skip-welded together. Unlike some of our competitors, all our welds are continuous. To reinforce the safe's doorway, Champion adds additional steel around the perimeter of the door opening (see *Our Double-Steel Door Casement Sets Us Apart*).

## DOOR



Double-Step™ Door



Triple-Step™ Door

Every Champion safe door (except the Model T) is constructed of two thick, American-made steel plates with double-steel door edge reinforcement. This exclusive design offers up to four times greater door strength and rigidity. Fire insulation is sandwiched inside the door. In the Crown and Triumph Series, Champion's exclusive Double-Step™ and Triple-Step™ door designs provides extra door rigidity and increased fire resistance.

## INTERNAL HINGES

Champion uses heavy-duty ball-bearing internal hinges. Internal hinges cost more but provide additional security.



## BOLTWORKS



The term boltworks refers to the mechanical system that secures the door. ***A quality boltworks comprises four critical factors:***

### 1. Bolt Count, Bolt Diameter and Bolt Guides

The more and bigger the door bolts, the greater the door security. Our Roughneck™ bolt guides eliminate metal-to-metal contact, ensuring smooth, precise bolt movement.

### 2. Four-Way Boltworks

To provide the highest level of security, active door bolts must be positioned on all four sides of the door.

### 3. Active Bolts

Unlike deadbolts, active (movable) door bolts provide "bolt cinch," which tightly secures the door against the door casement.

### 4. Bolt-Detent™ System

When the safe's door is open the Bolt-Detent™ prevents bolt movement, eliminating damage to the safe's mechanism and exterior finish.

## MECHANISM

Champion has developed two precision mechanisms for operating the safe's boltworks. Both mechanisms have clutching devices, which prevent handle pressure from damaging the safe's internal parts.

### 1. Four-Way Cam with Cam-Lock™

Rugged all-steel components provide smooth, precise operation. The Cam-Lock™ prevents pressure on the door bolts from damaging the lock.

### 2. Pinion-Driven Radial Gear

To operate the larger boltworks on the Crown Series, Champion developed the Pinion-Driven Radial Gear. This system is unsurpassed for its strength, precision, and smoothness.



## FIRE PROTECTION

***How well a safe performs in a fire depends on four factors:***

1. The type and amount of insulation – Champion Safe uses multiple layers of 5/8" Fire Code Type X fire insulation
2. How well the fire insulation is installed (no cutouts for internal hinges)
3. Door steel thickness and rigidity
4. Door seal effectiveness

*(See the Phoenix™ Fire Protection page for details of Champion Safe's superior fire protection)*



# Door Defense Systems

Door defense systems consist of devices that are designed to deter and prolong a break-in attempt. Some of the sophisticated systems that Champion Safe uses are:

**Inner Door Steel:** A quality safe will have a full layer of inner door steel.

**Hardplate Lock Protection:** Pieces of hardened steel plate are placed between the inside of the safe's door and the lock. The goal is to protect the lock from drilling or punching. In the safe industry three types of hardplates are generally used: Case-hardened mild steel, Ball Bearing, and Diamond hardplate. Of these three types of hardplate, diamond provides the highest level of protection. Champion uses only diamond hardplate on all its models.

- **Diamond-Embedded Armor Plate™**—Industrial diamond is bonded to a tungsten steel alloy hardplate. Diamond is harder than either a cobalt or carbide drill. When drilling is attempted the diamond removes the cutting edge from a drill – thus dulling the drill bit to where it will not cut.



Diamond-Embedded Plate

**Relockers:** A relocker is a device that locks up the safe's boltworks when activated by heat, force to the lock or by drill attempts. Champion uses several types of relockers:

- **Glass Relocker**—Tempered glass is placed between the inner door steel and the lock. If broken, through drilling or punching. It releases a secondary mechanical system which prevents movement of the boltworks.
- **Heat Relocker**—S&G® locks have an insert that melts at a low temperature, preventing movement of the boltworks.
- **Mechanical Relocker**—This relocker is usually mounted on the back of the safe's lock. If the back of the lock is forced off, it releases, locking up the boltworks.
- **Remote Relocker**—This system is usually attached to either a mechanical or glass relocker, but is located at random locations inside the safe's door.



Glass-Guard™ Relock System

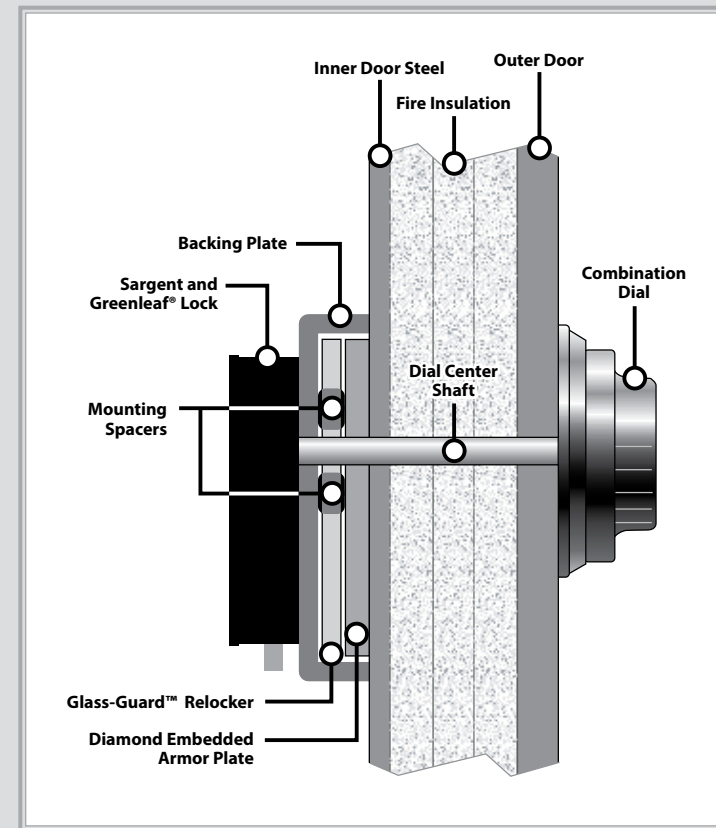


Auto-Relock System

**Lock Pressure Relievers:** This device prevents pressure applied through the door bolts from damaging the safe's lock.

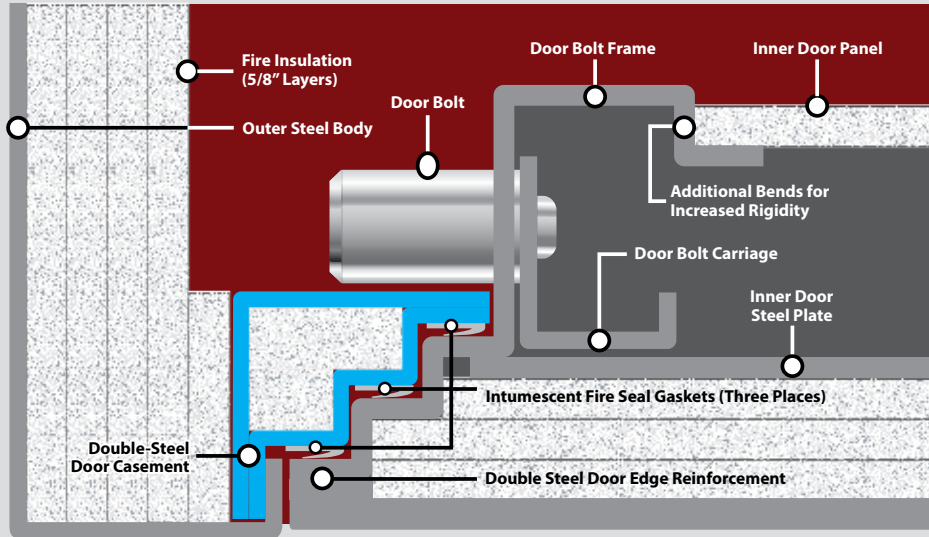
**Clutch Drive System:** The clutch system is designed to prevent handle pressure from damaging a safe's inner mechanism and lock.

For door defense systems to be optimally effective, a safe must have a strong steel foundation. Even the most sophisticated anti-break-in systems are ineffective when used on lightweight safes.

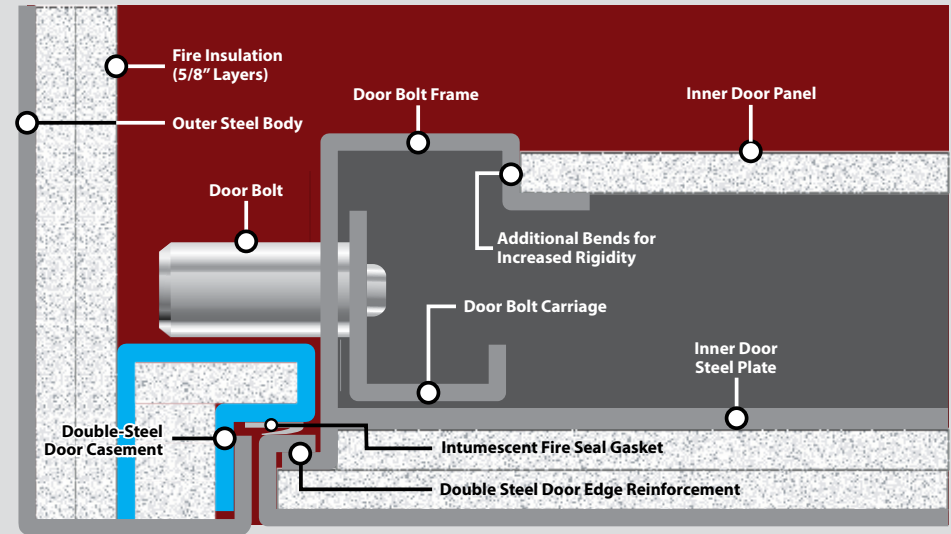


Crown Series Door Cutaway

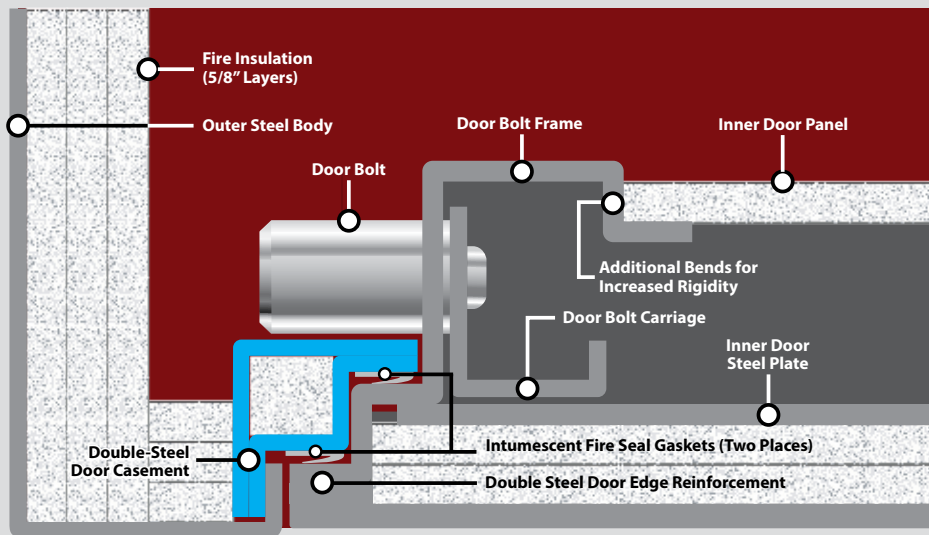
# Our Double-Steel Door Casement Sets Us Apart



Crown Series Door and Casement (Top View)

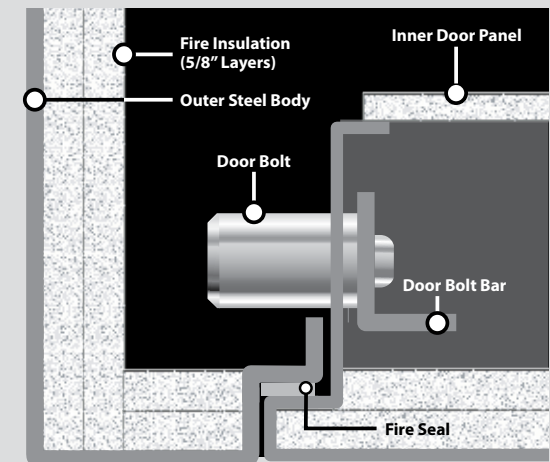


Trophy and Medalist Series Door and Casement (Top View)



Triumph Series Door and Casement (Top View)

To add strength and rigidity to the safe's door opening, Champion adds a Double-Steel Door Casement™ to the safe's body. This casement is formed from two or more layers of steel (depending on model) and is welded around the perimeter of the door opening. It more than quadruples the strength of the door opening and provides a more secure and pry-resistant door mounting. Champion installs this Double-Steel Door Casement™ on all of its models. Most safe companies do not offer this reinforcement.



*A Popular Steel-Deficient Competitor*





# First Line of Defense

A safe's first line of defense is its door and wall construction. The amount of steel in a safe's door and five walls determines its strength. The more steel used, the greater its protective ability.

The benefit of extra steel thickness is sometimes not fully understood or appreciated. A general rule of steel strength is that it increases by the square of its thickness. If you double the thickness of a piece of steel, it is not merely twice as strong but surprisingly approximately eight times as strong.

A safe door made from 1/4" (.250) steel is over nine times stronger than one made from 11-gauge (.120) steel. A door made from 10-gauge (.135) steel is over twice as strong as one made from 12-gauge (.106) steel even though it is only .029 thicker (see Steel Strength Chart). Thicker steel can make a huge difference in the protective ability of a safe.

When considering a safe, look at the amount of steel used in its construction. How thick is the steel used in its body? Does it have a steel reinforced door casement? A quality safe will have a steel reinforcement around the door opening.

Door construction is especially critical since it is usually the first point of attack. Is the door formed from thin metal bent to look thick? How thick is the outer door steel? Does the door contain a full second piece of inner door steel?

Most of Champion's competitors utilize doors constructed from one layer of thin metal (12-gauge or less) formed to look thick. Door edge thicknesses of one to two inches are common. These steel deficient hollow doors are sometimes filled with sheetrock or partial pieces of inner door steel. Many of these doors are visibly impressive but lack the steel to provide foundational rigidity. Don't be fooled by thick appearing hollow doors even if they carry impressive national brands. Placing a famous brand on a steel deficient safe does not improve its security.

When it comes to providing security, there is no substitute for steel. The more steel used, the greater the security.

# Steel Strength

**Not all safes are created equal.** Door and wall steel thickness determines a safe's ability to protect. The more steel, the greater protection. Please review the following graph.

### STEEL BENDING STRENGTH INCREASE

STEEL THICKNESS	Material Thickness	Material Thickness Decimals	Steel Weight by SF. lbs.	14-gauge (.075)	12-gauge (.106)	11-gauge (.120)	10-gauge (.135)	3/16" (.188)	1/4" (.250)	3/8" (.375)	1/2" (.500)
	14-gauge	0.075	3.125			2.86x	4.15x	5.9x	15.9x	37.5x	126.5x
12-gauge	0.106	4.375	.35x			1.45x	2.06x	5.59x	13.12x	44.3x	105.0x
11-gauge	0.120	5.00	.24x	.69x			1.42x	3.85x	9.04x	30.5x	72.3x
10-gauge	0.135	5.625	.17x	.48x	.70x			2.7x	6.35x	20.25x	49.9x
3/16"	0.188	7.66	.06x	.18x	.26x	.39x			2.35x	7.04x	18.8x
1/4"	0.250	10.21	.03x	.08x	.11x	.16x	.43x			3.38x	8.0x
3/8"	0.375	15.32	.01x	.02x	.03x	.05x	.13x	.30x			2.37x
1/2"	0.500	20.42	.003x	.01x	.015x	.02x	.05x	.12x	.42x		

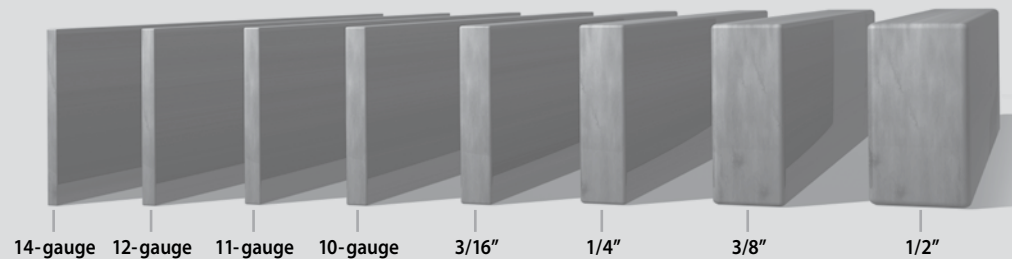
**The graph illustrates a general rule of steel strength. The bending strength of steel increases by approximately the square of its thickness.**

- 12-gauge (.106) steel is 2.86 times stronger than 14-gauge (.075), even though it is only .031 thicker.
- A safe constructed of 3/16" (.188) steel is about 5.6 times stronger than one constructed from 12-gauge (.106) steel.
- A safe door made from 1/4" steel is 13.12 times stronger than one made from 12-gauge.

Thicker steel makes a huge difference in the protective ability of a safe. Steel is heavy and expensive but the foundation of any quality safe.

### STEEL GAUGE THICKNESS

FULL SCALE





# Phoenix™ Fire Protection

## DO YOU NEED FIRE PROTECTION?

Papers and documents char at temperatures around 405°F. Guns are damaged by temperatures exceeding 500°F. To protect documents and other possessions during a home fire, the internal temperature of a safe should remain below 350°F. This is why we include Phoenix™ Fire Protection standard on all models—so your safe’s contents will be protected from fire as well as theft.

## FIVE LEVELS OF FIRE PROTECTION

- **Phoenix™ Class I:** 45 minutes at 1325°F Model T Series
- **Phoenix™ Class II:** 60 minutes at 1350°F Medalist & SS Series
- **Phoenix™ Class III:** 75 minutes at 1500°F Trophy Series
- **Phoenix™ Class IV:** 90 minutes at 1650°F Triumph Series
- **Phoenix™ Class V:** Two hours at 1750°F Crown Series

## FIRE PROTECTION DETAILS

*A safe’s fire resistance depends on four main variables:*

- 1. Type and Amount of Insulation.** Gypsum is the most commonly used material in home safes. When heated to 262°F it releases water vapor, which cools the safe’s interior. Until the moisture is baked out of the gypsum the interior temperature of a safe will remain in the 200°F to 300°F range. Multiple layers of gypsum provide longer and higher ratings.
- 2. How Well the Fire Insulation Is Installed.** The inside of the safe should be fully covered with fire insulation—no bare metal or hinge pocket cutouts.
- 3. Door Steel Thickness and Rigidity.** Heat causes metal distortion. Temperatures above 1000°F quickly distort thin, light-weight doors in only minutes, causing premature fire seal failure.
- 4. Door Seal Effectiveness.** Intumescent (heat-expanding) fire seals, when heated above 300°F, can expand up to ten times their original thickness, sealing out heat. Double and triple seals are especially effective at achieving ratings of over an hour. Rope or other types of seals are not as effective.

## CROWN / TRIUMPH SERIES TEST PROCEDURE

The Crown and Triumph series were tested simultaneously at an ASME certified facility. Four unshielded temperature sensors positioned near the top and bottom of each safe were connected to two separate temperature recorders to verify internal temperatures. The test continued for two hours, heating the steel exteriors to cherry red. Afterward, when examining the burned safes, we found the intense heat had buckled and deformed the safes’ bodies but the doors remained straight and sealed.

## TROPHY / MEDALIST / MODEL T TEST PROCEDURE

The Trophy, Medalist and Model T series were tested simultaneously at an ASME certified facility. Four unshielded temperature sensors positioned near the top and bottom of each safe were connected to two separate temperature recorders to verify internal temperatures. The test continued for 75 minutes, with furnace temperatures exceeding 1500°F.

The results prove that you can’t find better fire protection in an internal-hinge safe.

## Crown and Triumph Series Fire Certification Results

TIME	FURNACE TEMP.	EXTERNAL METAL TEMP.	CROWN		TRIUMPH	
			UPPER	LOWER	UPPER	LOWER
Start	54°	54°	55°	54°	56°	54°
15 min.	904°	525°	66°	67°	89°	87°
30 min.	1304°	1133°	200°	200°	205°	203°
45 min.	1391°	1277°	205°	203°	207°	206°
60 min.	1481°	1394°	237°	207°	246°	208°
75 min.	1569°	1475°	263°	212°	277°	215°
90 min.	1660°	1588°	295°	219°	340°*	235°
105 min.	1711°	1667°	324°	228°	426°	292°
120 min.	1774°	1736°	362°*	260°	494°	360°
RATING			1750°, 2 hrs.		1650°, 90 min.	

## Trophy, Medalist and Model T Series Fire Certification

TIME	FURNACE TEMP.	EXTERNAL METAL TEMP.	TROPHY		MEDALIST / SS		MODEL T	
			UPPER	LOWER	UPPER	LOWER	UPPER	LOWER
Start	60°	60°	50°	50°	52°	51°	50°	49°
15 min.	890°	461°	74°	70°	85°	80°	96°	89°
30 min.	1256°	1115°	231°	210°	245°	226°	258°	241°
45 min.	1328°	1235°	257°	216°	300°	276°	342°*	335°
60 min.	1415°	1349°	307°	232°	351°*	324°	460°	383°
75 min.	1525°	1473°	355°*	251°	451°	377°	681°	482°
RATING			1500°, 75 min.		1350°, 60 min.		1325°, 45 min.	

*\*To receive fire certification, the maximum internal temperature must remain below 350°F.*

All temperatures listed are in Fahrenheit.

## Interior Options



Standard Interior



Standard



Executive

## Accessories



LED Lighting  
with Motion  
Sensor



"HOT ROD"  
Electric  
Dehumidifier

## Lock Options



Electronic



Standard

# Why a Champion Safe?

- Champion provides more security for the dollar than any other brand.
- Stronger safe bodies – 100% continuous MIG welds and steel reinforced door casements on all models.
- Champion provides more door steel than its competitors – stronger doors with full inner door steel.
- More total steel weight. More steel means more security.
- All Champion safe models are made from 100% American-made, high-strength steel.
- All models feature four-way active boltworks – the ultimate in boltwork design.
- Champion has more complete and effective door defense systems.
- We build all of our own safes, **NO China-built imports.**
- Lifetime warranty on everything we build.
- Champion Safe offers real security – no fluff & stuff to divert attention away from a steel deficient safe.

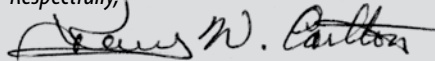
## From a Satisfied Customer...

Dear Folks at Champion Safe Company, (July 31, 2014)

*I absolutely have to tell you that I now own the most beautiful and best built safe on the planet. I have two Liberty safes personally and needed an upgrade. I went to Panhandle Key & Safe in Panama City, FL in hopes of finding a top notch commercial gun safe.*

*I had no idea such a quality safe existed. I am an older gunsmith and nationally ranked I.P.S.C. competition shooter and do not waste my money on anything less than the best. Obviously what laughingly passed itself off as your competition has no idea at all what "top of the line" means. I show this safe off to everyone who comes in my door and am pleased to advertise your product line to anyone who will listen. I couldn't be happier. Don't change a thing!*

Respectfully,



Kerry W. Carlton, Worldwide Gunsmithing



Kerry W. Carlton in front of his Triumph Series safe built by Champion.  
Worldwide Gunsmithing - Vernon, FL

*"I had no idea such a quality safe existed."*

# Champion's Premium Lifetime Warranty

Many companies claim to have the "best" warranty, but here's what makes our warranty the most comprehensive:

- Lifetime materials and workmanship
- Lifetime painted surface
- Lifetime unlawful break-in
- Lifetime fire coverage on homeowner's safe
- Opening and removal of damaged or defective safe
- Delivery and installation of replacement safe
- Round-trip freight for replacement safe
- Lock warranty: mechanical, 5 years; electronic, 2 years
- Transferable warranty

After careful examination you will find that our warranty is unsurpassed by other safe companies.

*For details, see full written warranty at [www.championsafe.com](http://www.championsafe.com)*



## OPTIONAL EXTENDED LOCK WARRANTY

Extended warranties are available from Champion Safe for both standard and electronic locks. Choose from a 10-year or lifetime extended warranty to ensure that you will never have to worry about the high cost of repairing or replacing your lock.

Champion Medalist 19  
after unsuccessful 6-hour  
break-in attempt

The Champion owner received a  
new replacement at no charge.

Champion safes are available exclusively through  
authorized Champion Safe dealers.

Authorized Dealer

### Champion Safe Company

2055 South Tracy Hall Parkway, Provo, UT 84606  
info@championsafe.com • www.championsafe.com

© 2015 Champion Safe Company