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

Champion Medalist 17
after unsuccessful 6-hour
break-in attempt

The Champion owner received a new replacement at no charge.

OPTIONAL EXTENDED LOCK WARRANTY

Extended warranties are available from Champion Safe for both Sargent & Greenleaf® dial and all 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 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

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Champion
Safe Co.
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 famous-name American safe and gun companies are providing cheap, China-built imports with inferior designs, paper-thin metals, substandard fire insulation and possessing low levels of security. You'll find these inadequate safes sold at big retail stores for less than $1,000. The security offered by cheap, light-weight safes is merely an illusion, fooling 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 ASTM Certified high-strength steel! Our safes are "built up to a standard, not down to a price." Examine our safes. We are confident you will find, dollar-for-dollar, the heaviest, strongest, and most secure safes on the market.

When considering a safe, the old adage, "You get what you pay for," never had more meaning. 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 Steel Arch Doorway™ with its massive Delta Force® door provide security and attractiveness unmatched by any competitor.

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.

With Classic
Steel Arch Doorway™
US Patent D799 782 S

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 with the Steel Arch Doorway™ and massive Delta Force® 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.

UPGRADES FROM TRIUMPH
Steel Body – 3/16" 2.7 Times Stronger than Triumph
Delta Force® Door – 1/4" Outer Steel 2.35 Times Stronger than Triumph
Inner Door Steel – 10-Gauge Full Plate
3/4" Reinforced Door Edge
Steel Weight – 30% More than Triumph
Radial Gear Drive
Glass-Guard™ Relock System
4¼" Dia. Machined Five-Spoke Handle
Phoenix™ Class V Fire Protection – 1750° F Two Hour
Fire Insulation – 4 Layers, 5/8" Type X
Dual Floor Drawers
Bank Box™ Storage System (CN-55 & CN-65)

Model CN-45

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

ASTM CERTIFIED
AMERICAN MADE
STEEL PLATE

BODY
- Classic Steel Arch Doorway™
- Up to 2¾"-Thick Composite Walls
- 3/16" Steel Walls
- Four Layers of Fire Insulation
- Double-Steel Door Casement™
- Dual Fire Seals

MAXIMUM–SECURITY DOOR
- Exclusive Five-Inch Thick Delta Force® Door
- 3/4" Reinforced Door Edge
- 1/4" Outer Door Steel, Full 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 22, 1½"- Diameter Door 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
- Dual Floor Drawers
- Bank Box™ Storage System (CN-65, CN-55)
- LED Lighting with Motion Sensor
- 110-Volt Power Receptacle
- 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

Granite / Gray — Sandstone / Beige

Exclusive Five-Spoke Custom Handle

HIGH-GLOSS POLYURETHANE

Black / Gray — Burgundy (M) / Beige — Platinum (M) / Gray — Bronze (M) / Beige — Ivory / Beige

TWO-TONE HIGH-GLOSS POLYURETHANE

Silver Birch (M) / Gray — Gold Dust (M) / Beige — Gunsmoke (M) / Gray — Cherry (M) / Beige

(M) = metallic paint color

Radial Gear-Driven Boltworks

Dual Floor Drawers & Bank Box™ Storage System

Steel Arch Doorway™ with Dual Fire Seals

Delta Force™ Door

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	OUTER DOOR THICKNESS	INNER DOOR THICKNESS	ACTIVE DOOR BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*							
CN-65	52½"	73"	27½"	30"	61 CF	1875	3/16"	1/4"	10 ga.	22 - 1½"	64/58**
CN-55	45½"	73"	27½"	30"	53 CF	1720	3/16"	1/4"	10 ga.	20 - 1½"	58/49**
CN-45	39½"	67"	27½"	30"	42 CF	1460	3/16"	1/4"	10 ga.	16 - 1½"	49
CN-35	33½"	67"	25½"	28"	33 CF	1225	3/16"	1/4"	10 ga.	16 - 1½"	36

*Total Depth includes 2½" for handle. **With Bank Box™ Storage Drawers

With Classic
Steel Arch Doorway™
US Patent D799 782 S

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 Steel Arch Doorway™ and Double-Steel Door Casement™ provides a pry-resistant fortress. The Triumph's thick Delta Force® door and precision cam-driven boltworks with 1½"-diameter door bolts provide maximum security. The Triumph's state-of-the-art door defense systems include: full inner door steel, Four-Way Cam with Cam-Lock™, 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.

UPGRADES FROM TROPHY
Steel Body – 10-Gauge 1.42 Times Stronger than Trophy
Delta Force® Door – 3/16" Outer Steel 2.7 Times Stronger than Trophy
Inner Door Steel – 12-Gauge Full Plate
5/8" Reinforced Door Edge
Steel Weight – 20% More than Trophy
Phoenix™ Class IV Fire Protection – 1650° F 90-Minute
Fire Insulation – 3 Layers, 5/8" Type X
Fire Seal – Two Heat Expanding
Four-Way Cam with Cam-Lock™
Door Bolt Diameter – 1½"
Door Bolt Count – Up to 22
3¼" Dia. Machined Five-Spoke Handle
Two-Tone Finish Option
Size Upgrade (TH-75)

Model TH-25

- Cherry Two-Tone Paint
- Black Chrome Lock and Handle
- Standard S&G® Dial Lock

ASTM CERTIFIED
AMERICAN MADE
STEEL PLATE

BODY
- Classic Steel Arch Doorway™
- 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 Delta Force® Door
- 3/16" Outer Door Steel, Full 12-Gauge Inner
- 5/8" 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 22, 1½''-Diameter Door Bolts
- Bolt-Detent™ System
- Roughneck™ Bolt Guides
- Four-Way Cam with Cam-Lock™

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
- 110-Volt Power Receptacle
- Deluxe Door Organizer

*Total Depth includes 2½" for handle.

RATINGS
- **1650°F 90-MINUTE FIRE RATING**
- Phoenix™ Class IV Fire Protection
- Tested in an ASME Certified Facility
- UL Security Rating
- Lifetime Warranty

COLORS (Exterior/Interior)

TEXTURED FINISH

Granite, Gray — Sandstone, Beige

Five-Spoke Custom Handle

HIGH-GLOSS POLYURETHANE

Black, Gray — Burgundy (M), Beige — Platinum (M), Gray — Bronze (M), Beige — Ivory, Beige

TWO-TONE HIGH-GLOSS POLYURETHANE

Silver Birch (M), Gray — Gold Dust (M), Beige — Gunsmoke (M), Gray — Cherry (M), Beige

(M) = metallic paint color

Delta Force™ Door

Deluxe Door Organizer

Four-Way Cam with Cam-Lock™

Dual Fire Seals

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	OUTER DOOR THICKNESS	INNER DOOR THICKNESS	ACTIVE DOOR BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*							
TH-75	56"	72¼"	33"	35½"	78 CF	1750	10 ga.	3/16"	12 ga.	22 - 1½"	102
TH-60	50"	72¼"	28"	30½"	59 CF	1480	10 ga.	3/16"	12 ga.	22 - 1½"	64
TH-50	44"	72¼"	28"	30½"	52 CF	1340	10 ga.	3/16"	12 ga.	20 - 1½"	58
TH-40	38"	66¼"	26"	28½"	38 CF	1100	10 ga.	3/16"	12 ga.	16 - 1½"	49
TH-30	32"	66¼"	24"	26½"	30 CF	940	10 ga.	3/16"	12 ga.	16 - 1½"	36
TH-25	32"	60¼"	24"	26½"	27 CF	875	10 ga.	3/16"	12 ga.	14 - 1½"	36

With Classic
Steel Arch Doorway™
US Patent D799 782 S

Trophy Series®

NO COMPROMISE FOR GREATNESS

Built with the same exacting precision and superiority as Champion's higher-end models, the Trophy Series with the Steel Arch Doorway™, offers rugged protection. Its 11-gauge body, reinforced with a Double-Steel Door Casement™, provides a solid steel foundation. The thick Double Plate Steel 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 beautiful high-gloss and textured finishes. LED lighting illuminates its velour-covered interior and convenient door organizer.

Model TY-40

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

UPGRADES FROM MEDALIST
Steel Body – 11-Gauge 1.45 Times Stronger than Medalist
Steel Arch Doorway™
Double Plate Steel Door™ – 10-Gauge 1.42 Times Stronger than Medalist
Door Edge Thickness – 3/4"
Steel Weight – 20% More than Medalist
Door Bolt Count – Up to 16
Phoenix™ Class III Fire Protection – 1500° F 75-Minute
Fire Insulation – Up to 3 Layers, 5/8" Type X
Five-Spoke Handle
110-Volt Power Receptacle
LED Lighting with Motion Sensor
Size Upgrade – TY-60

ASTM CERTIFIED
AMERICAN MADE
STEEL PLATE

BODY
- Classic Steel Arch Doorway™
- 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 Double Plate Steel Door™
- 10-Gauge Outer Steel, Full 14-Gauge Inner
- 3/4" Reinforced Door Edge
- 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 Door 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
- LED Lighting with Motion Sensor
- 110-Volt Power Receptacle
- Steel Reinforced Top Shelves (TY-60, TY-50)
- 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

Granite	Sandstone
Gray	Beige

Five-Spoke Handle

HIGH-GLOSS POLYURETHANE

Black	Burgundy	Platinum	Bronze	Ivory
Gray	Beige	Gray	Beige	Beige

High Capacity Interior

4½"-Thick Composite Door

Intumescent Fire Seal

Deluxe Door Organizer

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC Ft.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	OUTER DOOR THICKNESS	INNER DOOR THICKNESS	ACTIVE DOOR BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*							
TY-60	50"	72"	28"	30½"	59 CF	1275	11 ga.	10 ga.	14 ga.	16 - 1¼"	62
TY-50	42"	72"	28"	30½"	51 CF	1105	11 ga.	10 ga.	14 ga.	16 - 1¼"	52
TY-40	36"	66"	26"	28½"	42 CF	905	11 ga.	10 ga.	14 ga.	14 - 1¼"	42
TY-25	30"	60"	24"	26½"	26 CF	705	11 ga.	10 ga.	14 ga.	14 - 1¼"	24
TY-19	24"	60"	20"	23½"	17 CF	500	11 ga.	10 ga.	14 ga.	12 - 1¼"	12

*Total Depth includes 2½" 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 Double Plate Steel Door™ is constructed from two full layers of steel and encases a precision four-way active boltworks. Other features include: clutch-driven mechanism, complete door defense systems, and Champion's bolt-detent. Its 1400˚F 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.

UPGRADES FROM MODEL T
Double Plate Steel Door™ – 11-Gauge 1.45 Times Stronger than Model T
1/2" Reinforced Door Edge
Door Bolt Count – Up to 14
Door Bolt Diameter – 1¼"
Phoenix™ Class II Fire Protection – 1400° F 60-Minute
5 High-Gloss Finishes
2 Textured Finishes
Available in 5 Sizes

Model MD-45

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

Medalist

ASTM CERTIFIED
AMERICAN MADE
STEEL PLATE

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 Double Plate Steel Door™
- 11-Gauge Outer Steel, Full 14-Gauge Inner
- 1/2" Reinforced Door Edge
- 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 Door 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
- **1400° F 60-MINUTE FIRE RATING**
- Phoenix™ Class II Fire Protection
- Tested in an ASME Certified Facility
- UL Security Rating
- Lifetime Warranty

COLORS (Exterior/Interior)

TEXTURED FINISH

Granite Sandstone

Gray Beige

Three-Spoke Handle

HIGH-GLOSS POLYURETHANE

Black Burgundy Platinum Bronze Ivory

Gray Beige Gray Beige Beige

Plush Velour Interior

Four-Way Active Boltworks

Intumescent Fire Seal

Deluxe Door Organizer

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	OUTER DOOR THICKNESS	INNER DOOR THICKNESS	ACTIVE DOOR BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*							
MD-45	41"	72½"	26"	28½"	44 CF	900	12 ga.	11 ga.	14 ga.	14 - 1¼"	52
MD-41	40"	60½"	26"	28½"	37 CF	775	12 ga.	11 ga.	14 ga.	12 - 1¼"	52
MD-31	36"	60½"	22"	24½"	28 CF	625	12 ga.	11 ga.	14 ga.	12 - 1¼"	39
MD-22	30"	60½"	21"	23½"	22 CF	525	12 ga.	11 ga.	14 ga.	12 - 1¼"	24
MD-17	24"	60½"	20"	22½"	17 CF	475	12 ga.	11 ga.	14 ga.	12 - 1¼"	12

*Total Depth includes 2½" 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.

MODEL T FEATURES

- 1350° F 60-Minute Fire Rating
- 12-Gauge Steel Body
- Double-Steel Door Casement™
- Double Plate Steel Door™
- 7/16"-Reinforced Door Edge
- 1"-Diameter Door Bolts
- Four-Way Active Boltworks
- Diamond-Embedded Armor Plate™
- Auto-Relock™ System
- 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 Double Plate Steel Door™
- 12-Gauge Outer Steel, Full 14-Gauge Inner
- 7/16" Reinforced Door Edge
- 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 Door Bolts
- Bolt-Detent™ System
- Roughneck™ Bolt Guides

RATINGS

- **1350°F 60-MINUTE FIRE RATING**
- Phoenix™ Class I Fire Protection
- Tested in an ASME Certified Facility
- UL Security Rating
- Lifetime Warranty

COLORS (Exterior/Interior)

TEXTURED FINISH

Granite

Gray

Three-Spoke Handle

ASTM CERTIFIED ★★★ AMERICAN MADE STEEL PLATE

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	OUTER DOOR THICKNESS	INNER DOOR THICKNESS	ACTIVE DOOR BOLTS	GUN CAPACITY
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*							
MT-21	28"	60"	20"	22½"	20 CF	490	12 ga.	12 ga.	14 ga.	8 - 1"	24

*Total Depth includes 2½" for handle.

SS Safe Series

Model SC-12

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

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˚F 60-minute fire rating. External hinges with decorative caps, 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.

SS FEATURES

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

ASTM CERTIFIED AMERICAN MADE STEEL PLATE

Three-Spoke Handle

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

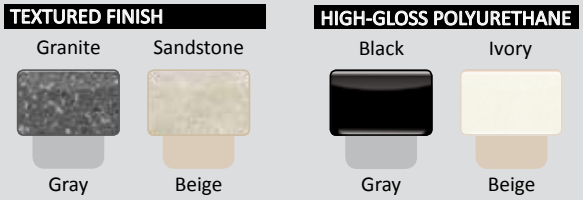
BOLTWORKS
- Four-Way Active Boltworks
- Eight, One-Inch Diameter Door Bolts
- Bolt-Detent™ System
- Roughneck™ Bolt Guides

RATINGS
- **1350°F 60-MINUTE FIRE RATING**
- Phoenix™ Class I Fire Protection
- Tested in an ASME Certified Facility
- UL Security Rating
- Lifetime Warranty

SAFE MODEL	EXTERIOR DIMENSIONS				VOLUME (CUBIC FT.)	APPROX. WEIGHT (lbs.)	OUTER SHELL THICKNESS	OUTER DOOR THICKNESS	INNER DOOR THICKNESS	ACTIVE DOOR BOLTS	INTERIOR SHELVES
	WIDTH	HEIGHT	DEPTH	TOTAL DEPTH*							
SC-12	26"	40"	20"	23"	12 CF	350	12 ga.	12 ga.	14 ga.	8 - 1"	3
SC-09	24"	30"	20"	23"	9 CF	275	12 ga.	12 ga.	14 ga.	8 - 1"	2

*Total Depth includes 3" for handle.

COLORS



How Champion Builds Extreme Security

BODY

A Champion safe body is pressure-formed from thick, American-made ASTM 1011 steel plate possessing a tensile strength of 49,000 PSI. The top and bottom caps are welded to the shell with continuous MIG welds, unlike some of our competitors. Champion Safe's body steel exceeds UL® Residential Security Container requirements with thicknesses up to 3/16".

DOUBLE-STEEL DOOR CASEMENT™

To add strength and rigidity to the safe's door opening, Champion adds a Double-Steel Door Casement™ to the safe's body (shown in Red). This casement is formed from two or more layers of steel 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 a Double-Steel Door Casement™ on all of its models. Most of our competitors do not offer the reinforced door casement.

DOOR DESIGN

What makes one safe more secure than another? Body strength is critical but since most attacks occur against the door, the answer lies in the design of the door and its strength.

What factors create a high-security door?

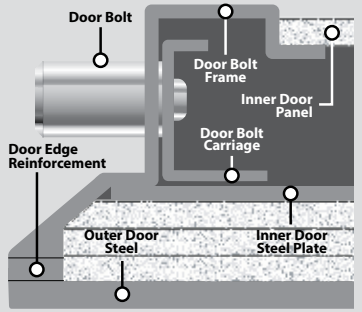
1. **Strong outer door steel.** Thick outer door steel is the best deterrent to break-in attempts. For example, 1/4" steel is 37 times harder to penetrate than 14-gauge metal.
2. **Full inner door steel.** A quality safe will have a full piece of inner door steel. Full inner door steel provides a more rigid and pry-resistant door.
3. **Design and strength of boltworks.** Optimal security requires heavy bolt carriages with strong connecting linkage and large diameter active doorbolts on all four sides of the door.
4. **Door and lock defense mechanisms.** Door defense systems including lock protection and multiple relockers are designed to prevent successful attacks against the door.

Incorporating these critical factors, Champion has developed two high-security doors, the Delta Force® and the Double Plate Steel Door™. Both the Delta Force® and the Double Plate Steel Door™ are constructed from a higher grade of steel—ASTM 1018-A36 with a tensile strength up to 80,000 PSI.

CHAMPION HIGH SECURITY DOORS

DELTA FORCE® DOOR (Crown & Triumph)

The Delta Force® door profile is unique among safe manufacturers. So unique and strong, it was recently awarded US Patent D799 782 S. Mechanical Engineers have long used triangular reinforcements to increase structural strength. The door's delta shape provides strength and rigidity second to none.

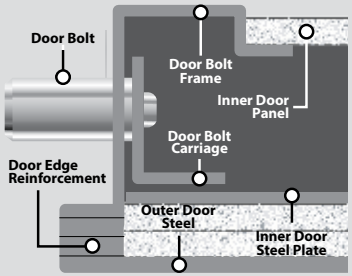


Over 37 X stronger than thin metal doors

The Delta Force® door is constructed from outer steel up to 1/4" thick. The inner door is constructed from up to 10-gauge steel. To fortify the door edge, a 1/4" thick steel bar is welded around the door's perimeter. Multiple layers of fire insulation are sandwiched inside. The delta shape plus additional door reinforcements add tremendous rigidity and door strength.

DOUBLE PLATE STEEL DOOR™ (Trophy, Medalist & Model T)

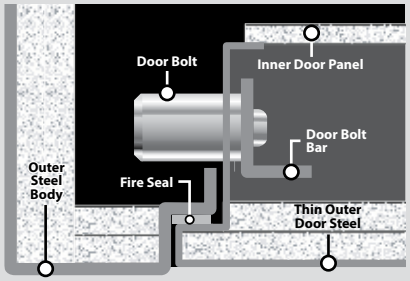
The Double Plate Steel Door™ is formed from two American made steel plates with fire insulation sandwiched inside. Thicker steel is placed on the outside of the door while the inner steel provides additional door rigidity and attachment for the locking mechanism and boltworks. The door edge is reinforced with up to four layers of laminated steel. This exclusive design offers up to 16 times greater door strength and rigidity than the "thin metal bent to look thick" doors.



Over 16 X stronger than thin metal doors

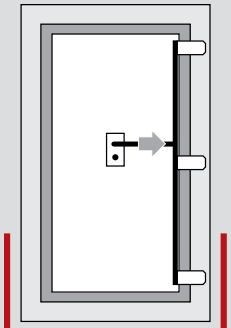
COMPETITOR'S THIN METAL DOORS

Virtually all gun safe manufacturer's use doors made from one piece of thin metal (16, 14, 12-gauge) bent to look thick. These thin doors may have an edge thickness of one to two-inches but lack sufficient steel to provide attack resistance. Regardless of size and number of door bolts, these lightweight doors can be easily forced open in only a few minutes. Even famous national brands use this steel deficient deceptive door design.

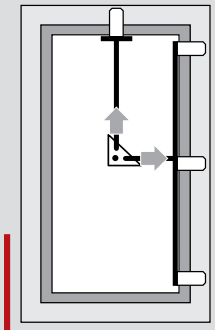


A Popular Steel-Deficient Competitor

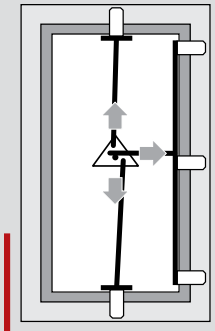
Boltworks



One-Way Active
Very Low Security
WIMPY



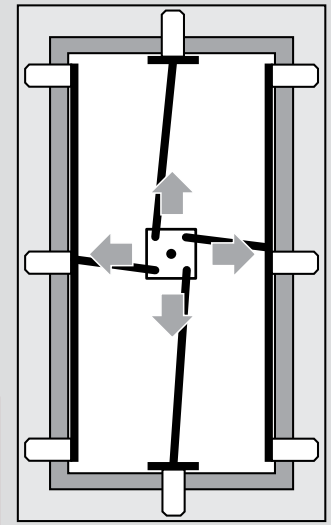
Two-Way Active
Low Security
POOR



Three-Way Active
Medium Security
BETTER

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

1. **Strong Outer and Inner Door Steel** – A safe's boltworks must be anchored to a strong steel foundation. 16 and 14-gauge doors, found on box-store safes costing less than $1000, do not provide adequate strength.
2. **Bolt Count, Bolt Diameter and Bolt Guides** – More and larger door bolts increase door security.
3. **Four-Way Active Boltworks** – To provide the highest level of security, active door bolts must be positioned on all four sides of the door.
4. **Deadbolts vs. Active Bolts** – Deadbolts are non-moveable attachments mounted on the hinge side of the door. Deadbolts mounted on thin metal serve mostly cosmetic purposes and provide minimal security. Active door bolts are stronger and provide "bolt cinch," which tightly secures the door against the door casement.



Four-Way Active
High Security
BEST

Champion is the only safe manufacturer to provide 4-way active boltworks on all safes.

Door Defense Systems

Door defense systems consist of devices designed to prevent a break-in. Some of the effective systems Champion Safe uses are:

Hardplate Lock Protection: Hardened steel is placed between the inside of the safe's door and the lock to protect the lock from drilling or punching. In the safe industry three types of hardplates are 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 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. If 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 drilling. 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 spring-loaded relocker is 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 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: Champion uses this device to prevent pressure applied to the door bolts from damaging the safe's lock.

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

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

Champion vs. The Competition

DOOR STRENGTH TESTING

To test door strength, ten Champion safes were matched up against comparably priced competitors. Retail cost ranged from $699 up to $2500. Ten pairs of safes were bolted together back-to-back and anchored to a 40,000 lb. Bulldozer. A 52,000 lb. Excavator provided the pulling force. Chains were attached similarly to the door of each safe. To measure the pulling force a Chatillon 20,000 lb. crane scale was used. Pulling force was applied until one of the safe doors failed. To monitor testing fairness and accuracy safe dealers representing all brands were present.

RESULTS

No Champion Safe doors failed in all ten tests, even when matched against higher priced safes. All Champion doors were fully operational and functional – proving dollar-for-dollar you can't get a stronger, more secure safe. **Champion - The Stronger Choice**

See the Champion Safe YouTube Channel for tractor pull tests

WINCHESTER

The Winchester door failed at 5,600 lbs. of force - the Champion door sustained no damage

CANNON

The Cannon door failed at 6,200 lbs. of force - the Champion door operated normally

STACK-ON

The Stack-On door failed at 6,400 lbs. of force - the Champion door was in perfect condition

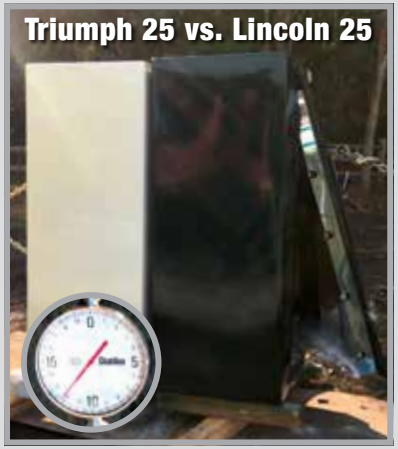
BROWNING

The Browning door failed at 6,400 lbs. of force - the Medalist door showed no damage

LIBERTY

The Liberty door failed at 11,300 lbs. of force - the Trophy door was fully operational

LIBERTY



The Liberty door failed at 12,200 lbs. of force - the Triumph door showed minor paint cracking

Steel – What You Should Know

STEEL THICKNESS

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.**

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? How thick is the outer door steel? Does it have a full layer of inner door steel? When it comes to providing security, there is no substitute for steel. The more steel used, the greater the security.

STEEL GRADES

Steel is made in many different grades. These grades differ in strength, toughness and hardness. The American Standards for Testing and Materials (ASTM) has established standards for rating various grades of steel. Some of these standards include: metal and chemical analysis, yield strength, tensile strength, elongation and hardness. Yield strength is the amount of pressure it takes to deform a piece of steel. Tensile strength is the amount of pressure it takes to fracture the steel.

Plate steel used in safe manufacturing is generally known as low carbon mild steel. American-made mild steel has a yield strength of 30,000 PSI and a tensile strength of 49,000 lbs. Critical parts of the safe such as the boltworks and hard plates can be made of higher grades of steel.

What about imported Chinese steel? Chinese-made low carbon mild steel does not require ASTM certification. Some of this low grade steel originates from recycled scrap metal. Without testing, it is difficult to know the quality and strength of this steel. Due to its inconsistent properties many American manufacturers will not use Chinese-made low carbon mild metal.

Champion Safe is proud that we use only American-made steel. Our safe bodies are formed from ASTM 1011 steel with a yield strength of 30,000 PSI and a tensile strength of 49,000 PSI. Our doors are fabricated from a higher grade of steel, ASTM 1018-A36, with a yield strength of 36,000 PSI and a tensile strength of up to 80,000 PSI. Champion Safe's American-made steel can be over twice as strong for the same thickness as the low grade Chinese metals.

Steel Strength

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

Steel Bending Strength

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	299.9x
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	

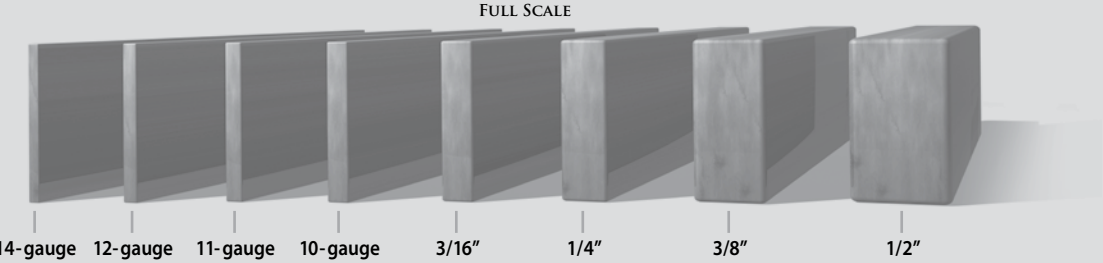
The graph illustrates a general rule of steel strength. The bending strength of steel increases by approximately the square of its thickness.

- *If you compare the strength of 14-gauge steel to 12-gauge you will find a 2.86 times strength increase, not percent, but times.* ***(top line, move right to 12-gauge)***
- *A safe constructed of 3/16" (.188) steel is about 5.6 times stronger than one constructed from 12-gauge (.106) steel.* ***(line two, move right to 3/16")***
- *A safe door made from 1/4" steel is 13.12 times stronger than one made from 12-gauge.* ***(line two, move right to 1/4")***

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



Santa Rosa Tubbs Fire – California's Most Destructive

On November 30, 2017 Champion Safe received a letter from Andy Andreasen of Security Safe (not a Champion dealer) in Hayward, California, the West Coast's leading commercial safe dealer. In the letter Andy tells about the 40 charred safes they opened up at no charge for burned-out homeowners.

"Out of the 40 gun-type safes we opened, Champion's Crown Series was the only one to protect its contents."

30 November 2017 —
On Sunday night October 8, 2017, a wind driven wild fire, descending from the northern hills, took direct aim on the heart of Santa Rosa, California. The inferno incinerated dozens of city blocks in minutes. Residents fled in the middle of the night and then returned the next day to nothing but ruins.

The wall of flame, driven by 50-75 MPH Diablo Winds, preceded by 750 degree preheated wind, razed everything in its path. The fire exceeded temperatures that melted glass and twisted metal. Whole neighborhoods were quickly incinerated at temperatures never before seen. Fire officials estimated sustained temperatures at 2000-2500 degrees. When it finished its tragic work, the Santa Rosa Tubbs fire would be known as the most destructive in California's history, having sadly killed 22 people and consumed approximately 5300 structures.

We at Security Safe, a commercial safe dealer of Hayward, California volunteered our services to open up charred safes found in burned out homes, at no charge. We opened about 40 safes, mostly gun safes, a lot of Liberty and lesser expensive box store safes. These safes and their contents were totally destroyed. We found four or five expensive UL rated commercial, burglar & fire rated safes that protected their contents. We were impressed that of all the standard type gun safes we opened; only the Champion Safe Company's Crown Series preserved its contents.

Terry V. Andreasen (Andy)
VP / Operations Manager LOC1678 Security Safe

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**: 60 minutes at 1350°F Model T & SS
- **Phoenix™ Class II**: 60 minutes at 1400°F Medalist
- **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, lightweight 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 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 safes 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 & SS SERIES TEST

The Trophy, Medalist, Model T & SS Series safes 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.

Fire Test Results

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, Model T & SS Series Fire Certification Results

TIME	FURNACE TEMP.	EXTERNAL METAL TEMP.	TROPHY		MEDALIST / MODEL T / SS	
			UPPER	LOWER	UPPER	LOWER
Start	60°	60°	50°	50°	52°	51°
15 min.	890°	461°	74°	70°	85°	80°
30 min.	1256°	1115°	231°	210°	245°	226°
45 min.	1328°	1235°	257°	216°	300°	276°
60 min.	1415°	1349°	307°	232°	**351°***	324°
75 min.	1525°	1473°	**355°***	251°	451°	377°
		RATING	1500°, 75 min.		1400°, 60 min. / 1350°, 60 min.	

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

All temperatures listed are in Fahrenheit.