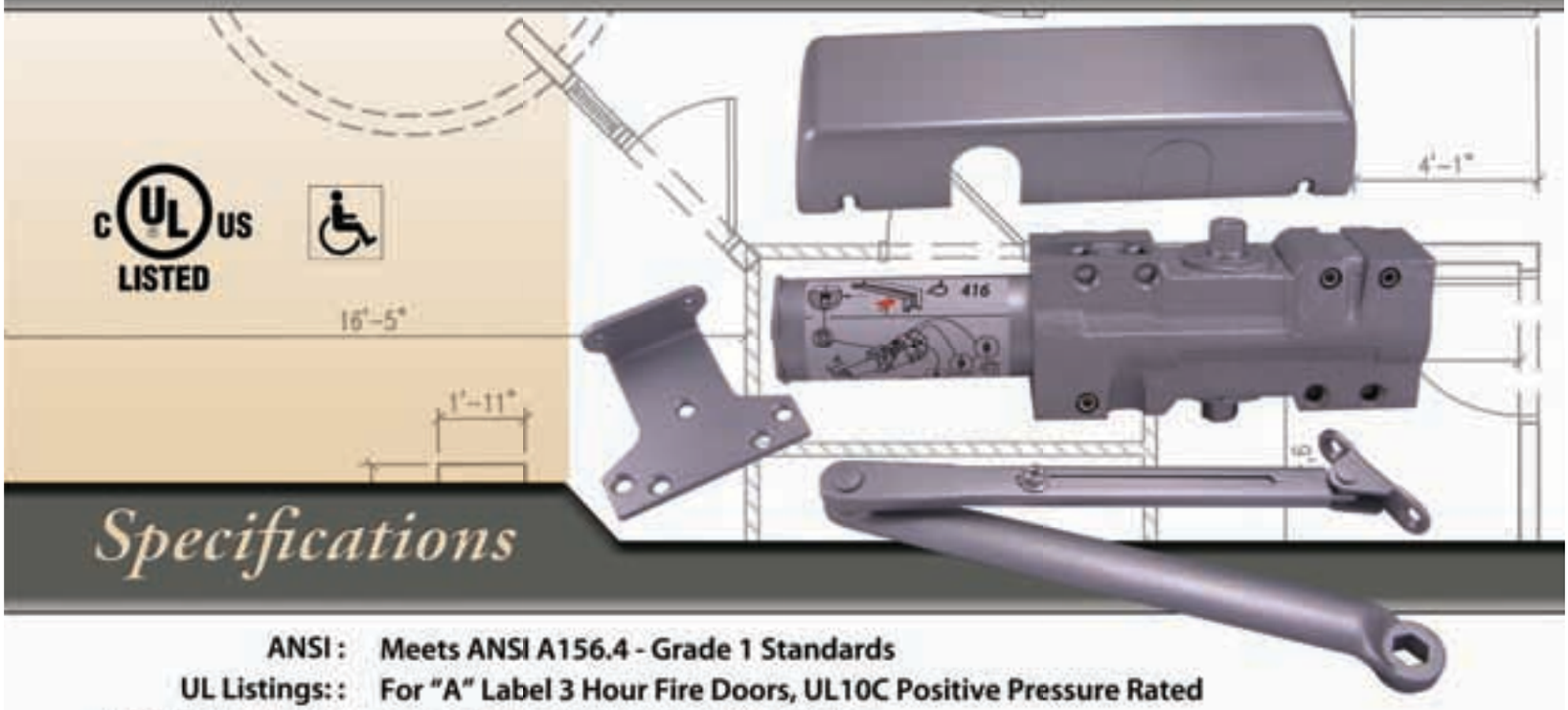
416 Series

Heavy Duty Door Closer



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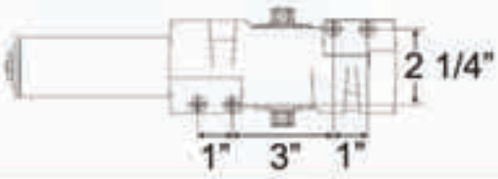
Specifications

ANSI :	Meets ANSI A156.4 - Grade 1 Standards
UL Listings: :	For "A" Label 3 Hour Fire Doors, UL10C Positive Pressure Rated
ADA Compliance :	Meets ADA requirements ANSI A117.1
Closer Body :	Heavy Duty Cast Iron Closer Body with Precison Rack & Pinion Construction
Piston & Spindle :	Heat Treated Steel Piston & Spindle with Needle Bearings for Smooth Operation
Springs :	Heat Treated Heavy Duty Tempered Spring for up to 250lb door
Spring Sizing :	Adjustable Spring Power from Size 1 to 4 - Factory preset at size 3
Speed Controls :	Independent Latch & Sweep Speed Controls
Back Check :	Adjustable Back Check Intensity Control Valve
Valves :	Staked Valves to prevent backing valves out too far
Covers :	Molded Plastic Cover included for finshed look
CTC Hole Pattern :	2 holes 1" CTC, 3" CTC horizontal x 2 1/4" CTC vertical
Projection :	2 1/4" projection with cover installed
Minimun Top Rail :	Regular: 3 3/4" - Top Jamb: 1 1/4" - Parallel Arm: 5 3/8"
Fasteners :	Thru bolts with machine screws, Wood screws & Self tapping machine screws included
Mounting styles:	Includes all screws and brackets for Regular, Top Jamb and Parallel Arm Installations
Accessories:	Hold Open Arms, Heavy Duty Arms, Drop Plates, Extended Arms & more...
Warranty:	Limited Lifetime Warranty



Available Finishes

DH #	US #	BHMA #	Finish Description
AL	ALUM	689	Aluminum Painted
BZ	DURO	690	Dark Bronze Painted



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416 Door Closer Accessories

Heavy Duty & Hold Open Arms



416 Heavy Duty Arm



416 HD Hold Open Arm



416 Friction Hold Open Arm

Drop Plates



416 Regular Drop Plate



416 TJ-1 Drop Down TJ Drop Plate



416 Parallel Arm Drop Plate



416 TJ-2 Center Mount TJ Drop Plate

Parts & Accessories



416 Extended Arm



416 Extra Long Extended Arm



416 Blade Stop Spacer



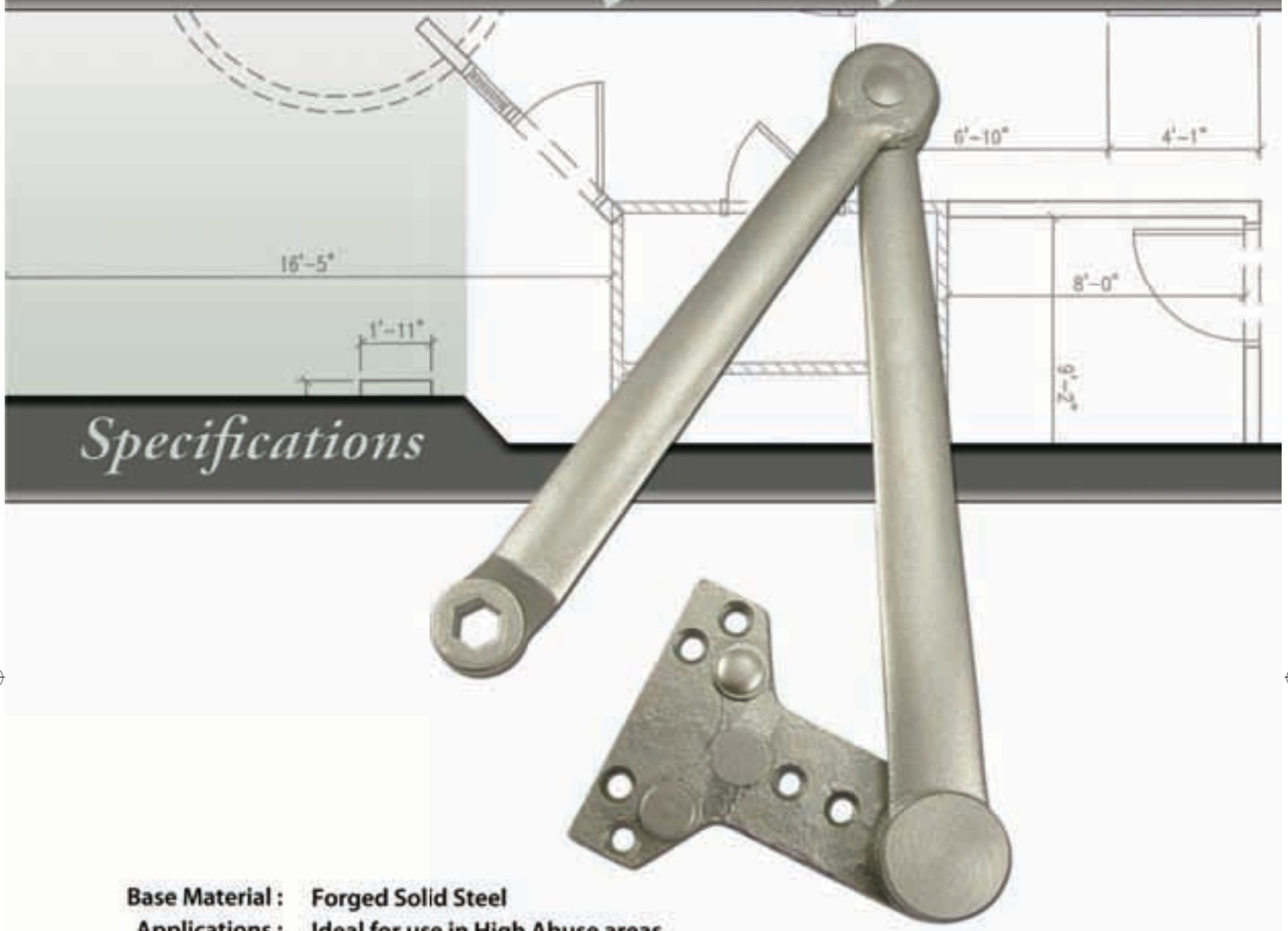
416 Shoe Support

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416 Heavy Duty Arm



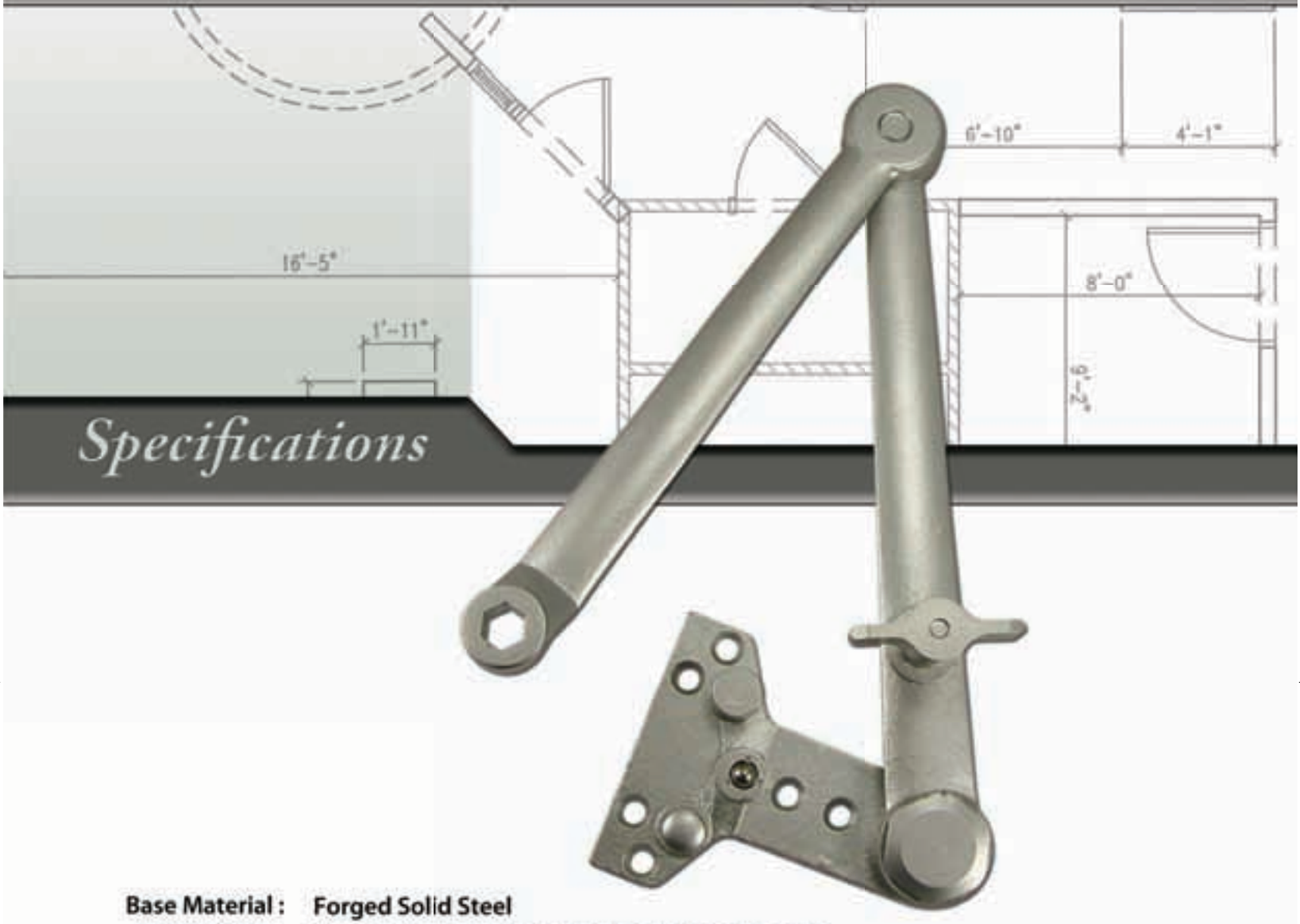
Specifications

Base Material :	**Forged Solid Steel**
Applications :	**Ideal for use in High Abuse areas**
Controls :	**Removable Auxiliary Stop**
Handing :	**Non Handed**
Mounting :	**Parallel Arm only**
Finishes :	**AL, BZ painted finishes**
Accessories :	**Fifth Hole Spacer included for shoe support & Blade Stop Spacer also available**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 HD Hold Open Arm



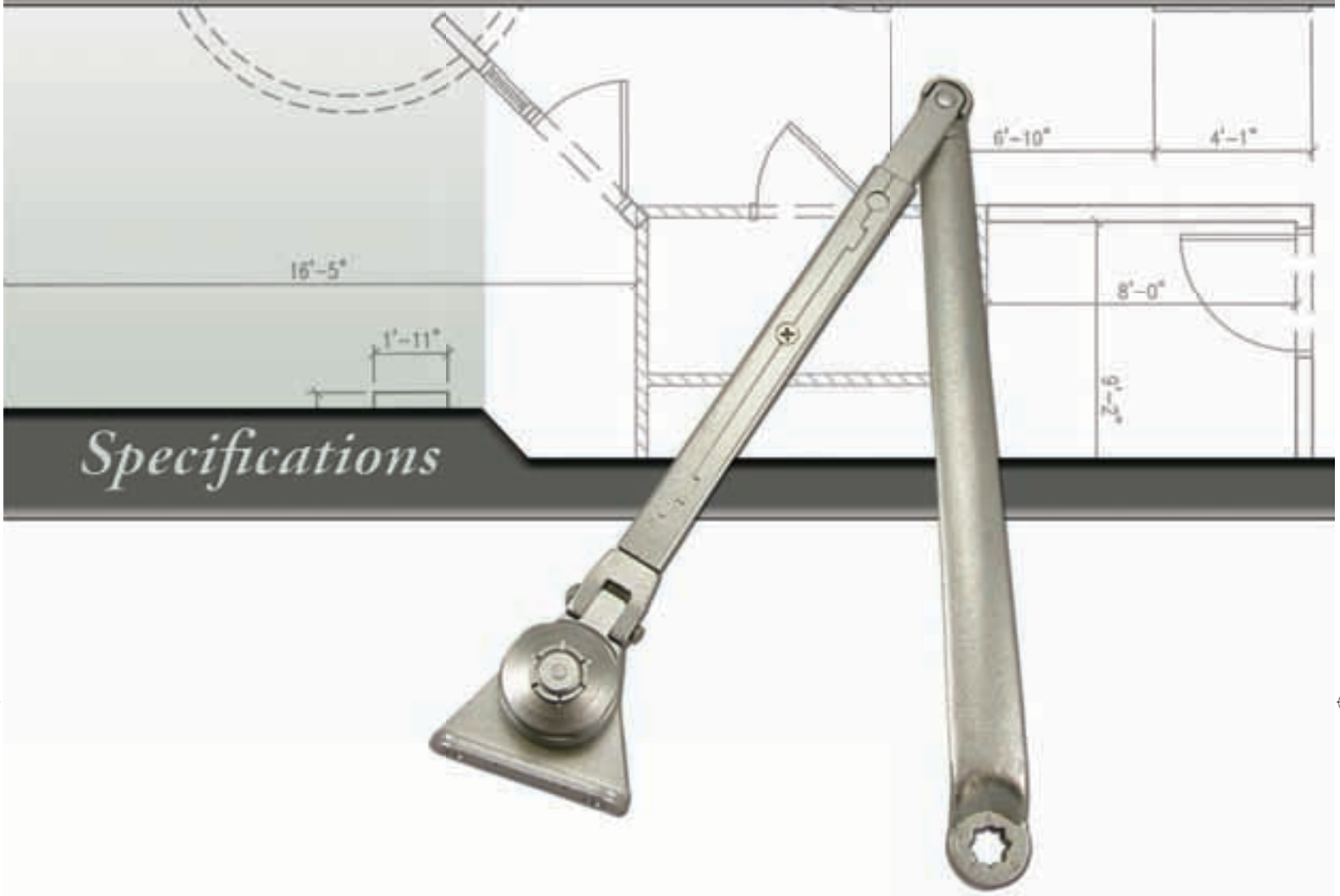
Specifications

Base Material :	**Forged Solid Steel**
Applications :	**Used to hold doors open in non UL applications**
	Ideal for use in High Abuse areas
Controls :	**T-Turn Hold Open Function & Removable Auxiliary Stop**
Handing :	**Non Handed**
Mounting :	**Parallel Arm only**
Finishes :	**AL, BZ painted finishes**
Accessories :	**Fifth Hole Spacer included for shoe support**
	& Blade Stop Spacer also available
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 Friction Hold Open Arm



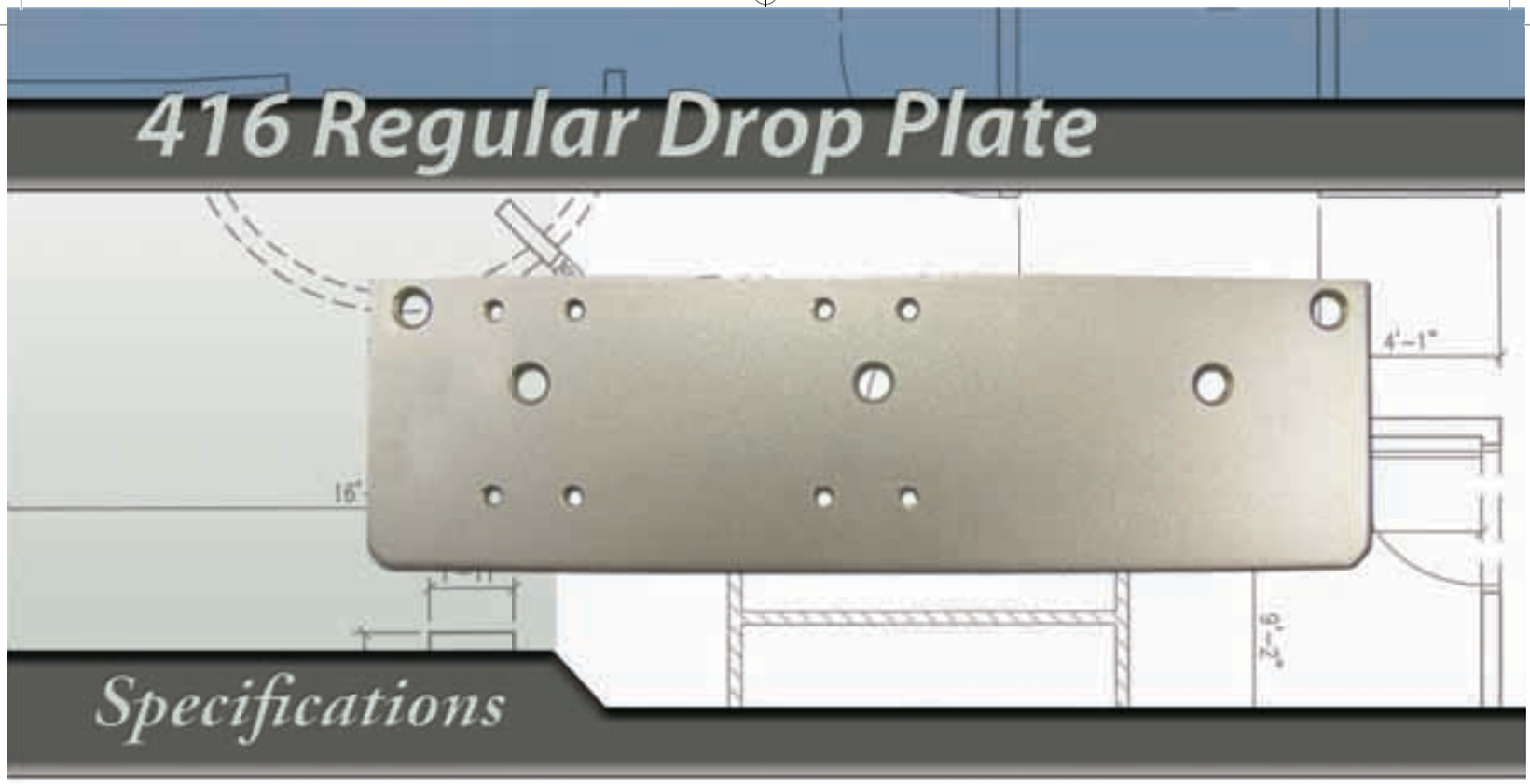
Specifications

Base Material :	**Forged & Stamped Steel**
Application :	**Used to hold open doors in non UL applications**
Controls :	**Hold Open Function using friction type fitting under nut which also allows for multiple hold open positions**
Handing :	**Non Handed**
Mounting :	**Regular, Top Jamb & Parallel Arm (includes PA bracket)**
Adjustability :	**Two arm length positions allow for different jamb depths**
Finishes :	**AL, BZ painted finishes**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 Regular Drop Plate



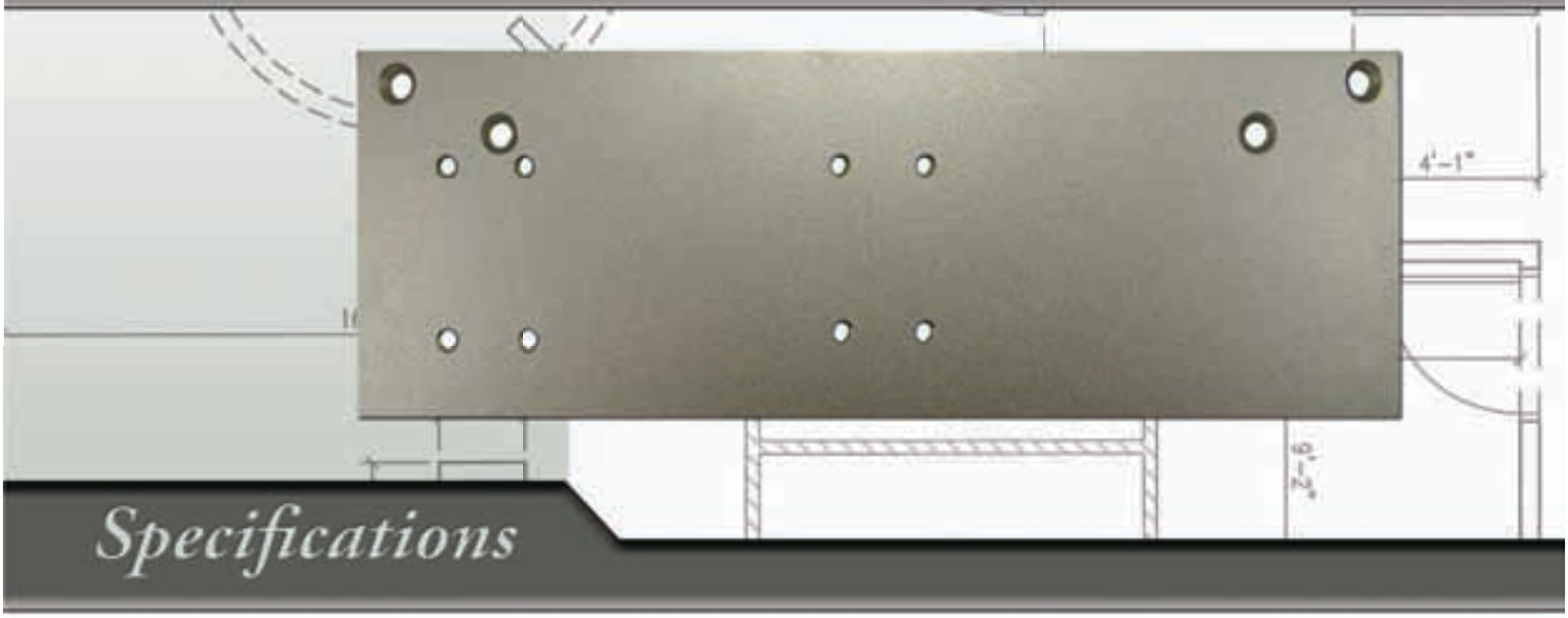
Specifications

Base Material :	**Steel**
Size :	**3 9/16" height x 12 3/8" width x 1/4" thickness**
Handing :	**Non Handed**
Regular Mount :	**Used for regular arm mounting when the top rail is too narrow to allow the closer to be mounted directly to the door surface**
Minimum Top Rail :	**2" minimum top rail required**
Finishes :	**AL, BZ painted finishes**
Prepared holes :	**Screw holes drilled & tapped for closer mounting & countersunk for installation to frame or door**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 Parallel Arm Drop Plate



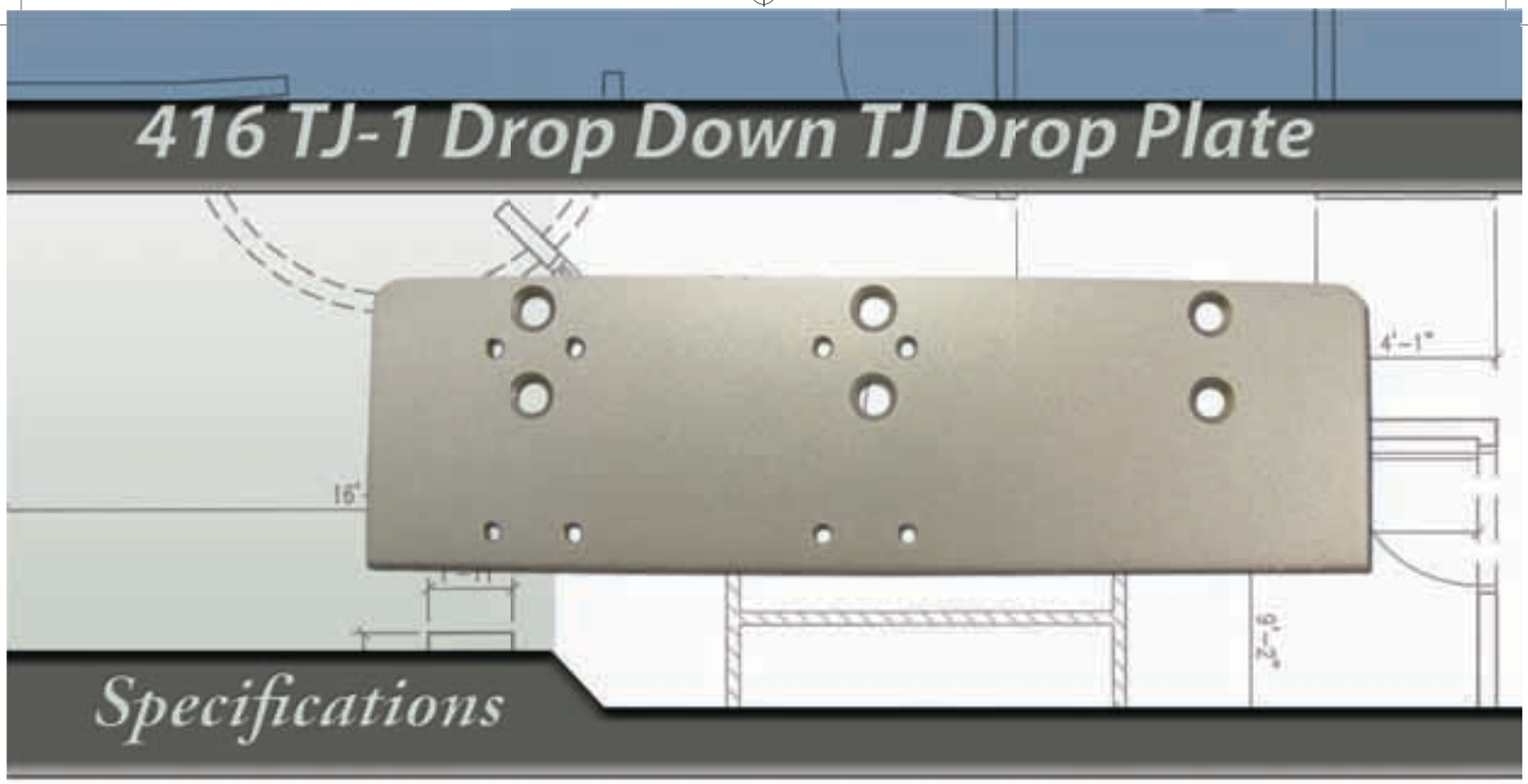
Specifications

Base Material :	**Steel**
Size :	**5" height x 12 3/8" width x 1/4" thickness**
Handing :	**Non Handed**
Application :	**Used for parallel arm mounting where top rail is less than 5 1/2" measured from the stop**
Minimum Top Rail :	**2" minimum top rail required**
Finishes :	**AL, BZ painted finishes**
Prepared holes :	**Screw holes drilled & tapped for closer mounting & countersunk for installation to frame or door**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 TJ-1 Drop Down TJ Drop Plate



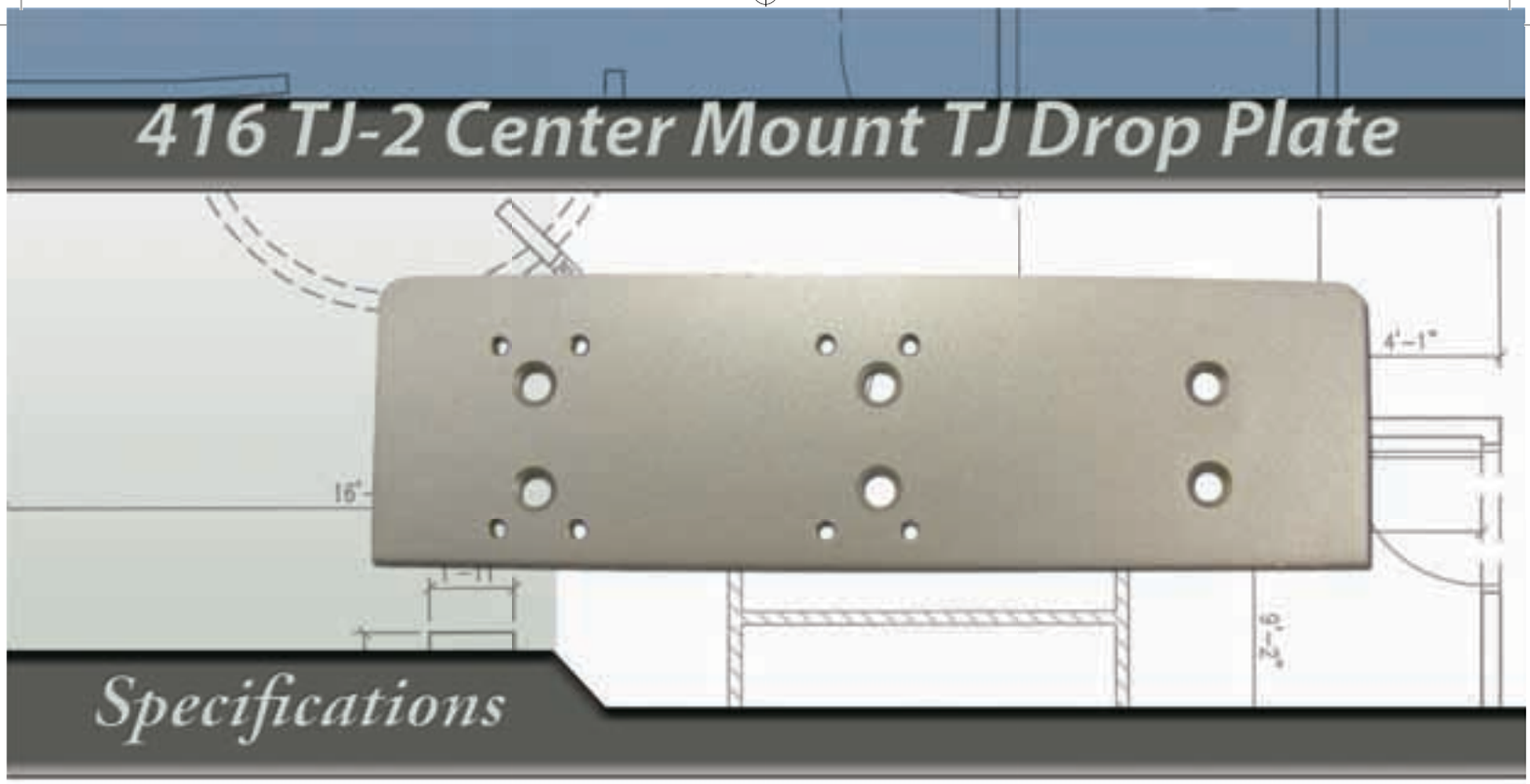
Specifications

Base Material :	**Steel**
Size :	**3 9/16" height x 12 3/8" width x 1/4" thickness**
Handing :	**Non Handed**
Application :	**Locates top jamb mounted closer flush with top of frame face in flush ceiling condition - 1 3/4" minimum head frame required**
Finishes :	**AL, BZ painted finishes**
Prepared holes :	**Screw holes drilled & tapped for closer mounting & countersunk for installation to frame or door**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 TJ-2 Center Mount TJ Drop Plate



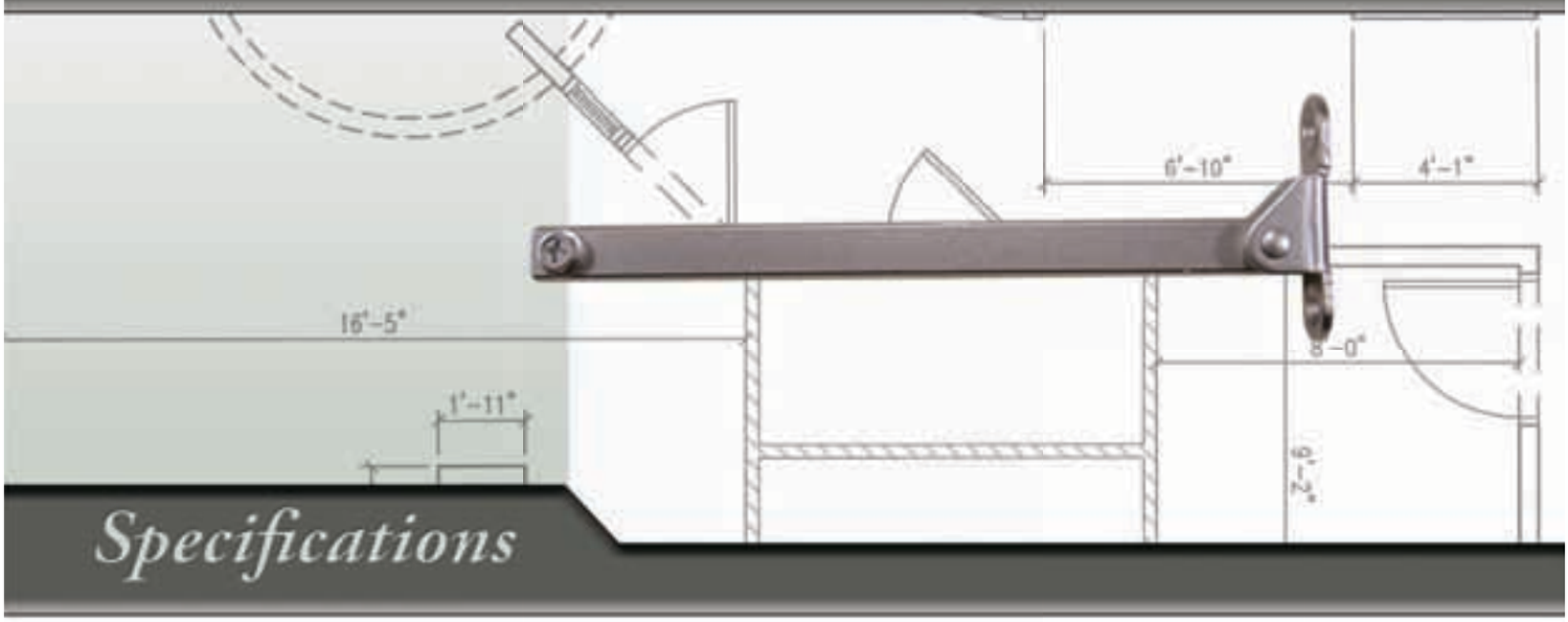
Specifications

Base Material :	**Steel**
Size :	**3 9/16" height x 12 3/8" width x 1/4" thickness**
Handing :	**Non Handed**
Application :	**Centers top jamb mounted closer vertically on head frame where face is less than 3 1/2" - 1 3/4" minimum head frame required**
Finishes :	**AL, BZ painted finishes**
Prepared holes :	**Screw holes drilled & tapped for closer mounting & countersunk for installation to frame or door**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 Extended Arm



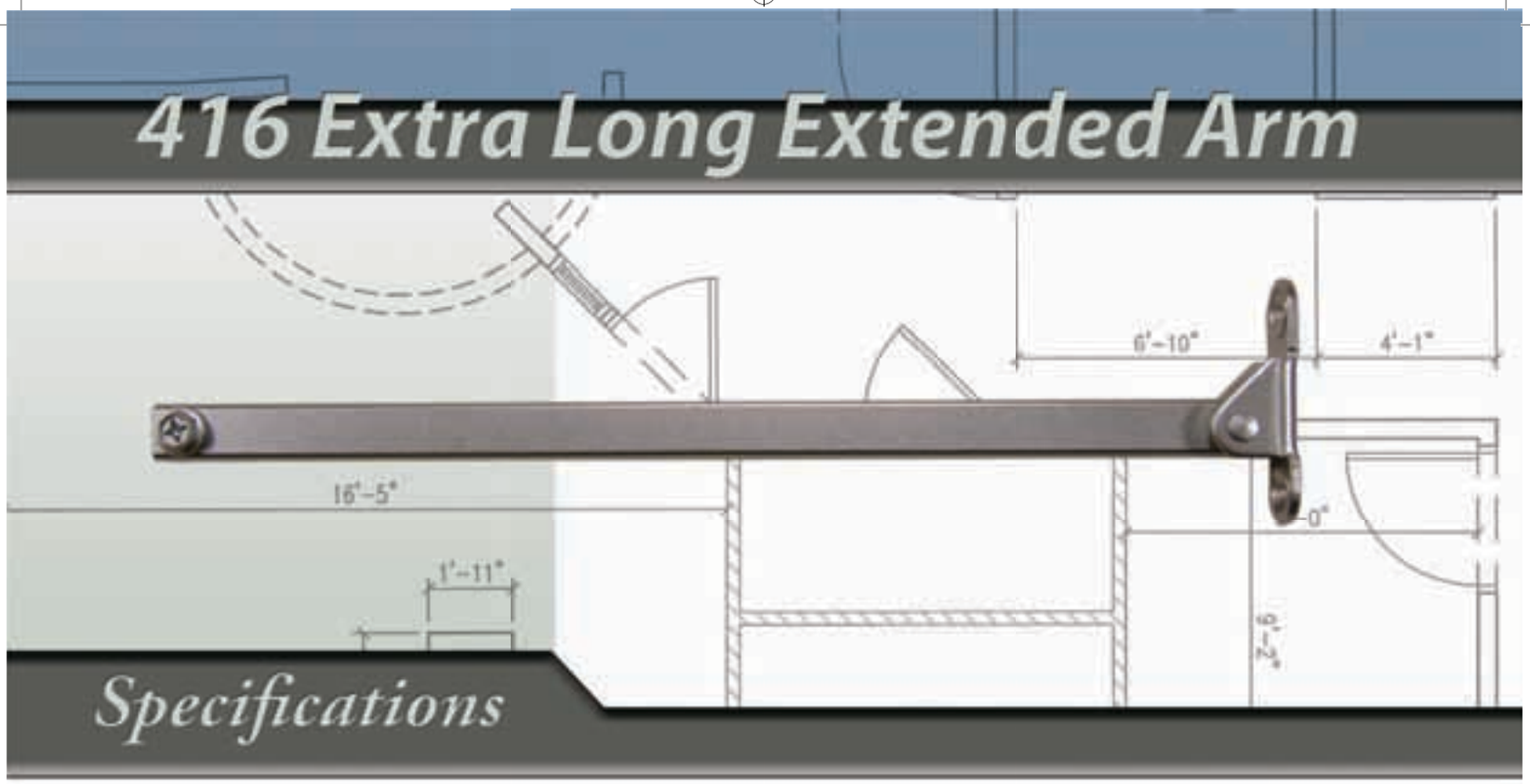
Specifications

Base Material :	**Steel**
Size :	**8 1/2" total length**
Application :	**Used for frame reveals larger than 2 5/8" and up to 4 13/16"**
	Direct replacement for standard forearm
Inlcuded Accessories :	**Includes shoe already installed and forearm screw**
Handing :	**Non Handed**
Finishes :	**AL, BZ painted finishes**
Fasteners :	**Machine, Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 Extra Long Extended Arm



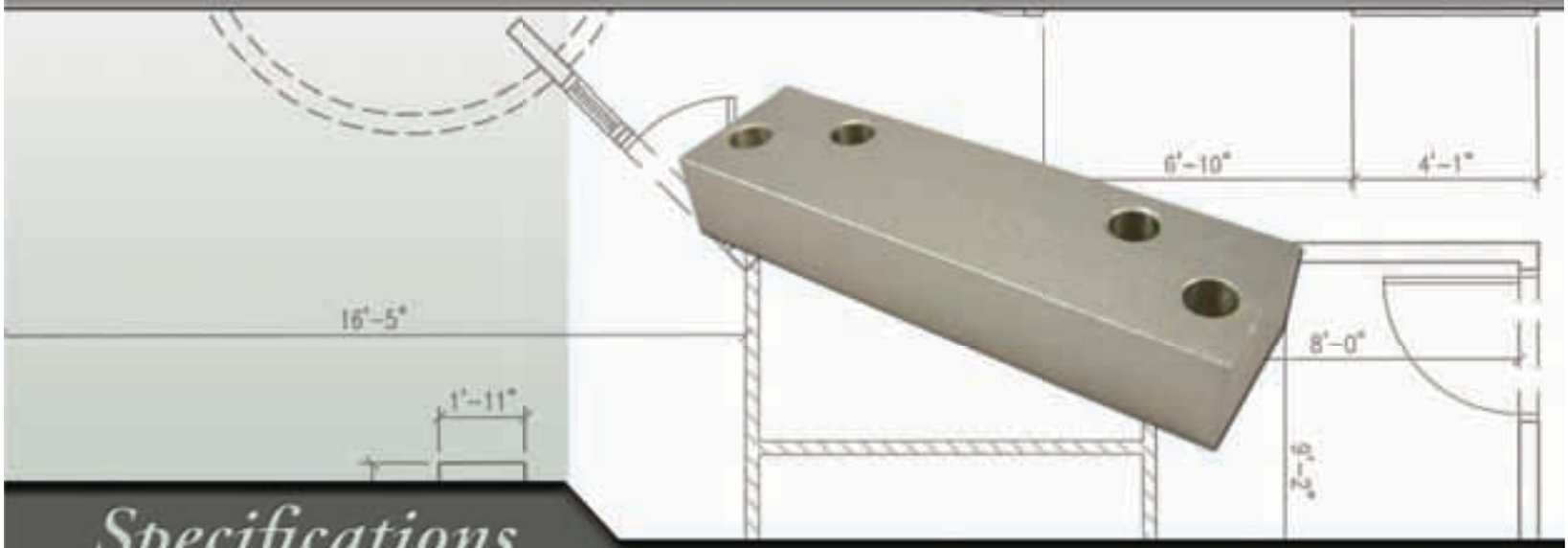
Specifications

Base Material :	**Steel**
Size :	**12 1/2" total length**
Application :	**Used for deep frame reveals larger than 4 7/8" and up to 8"**
	Direct replacement for standard forearm
Inlcuded Accessories :	**Includes shoe already installed and forearm screw**
Handing :	**Non Handed**
Finishes :	**AL, BZ painted finishes**
Fasteners :	**Machine, Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 Blade Stop Spacer



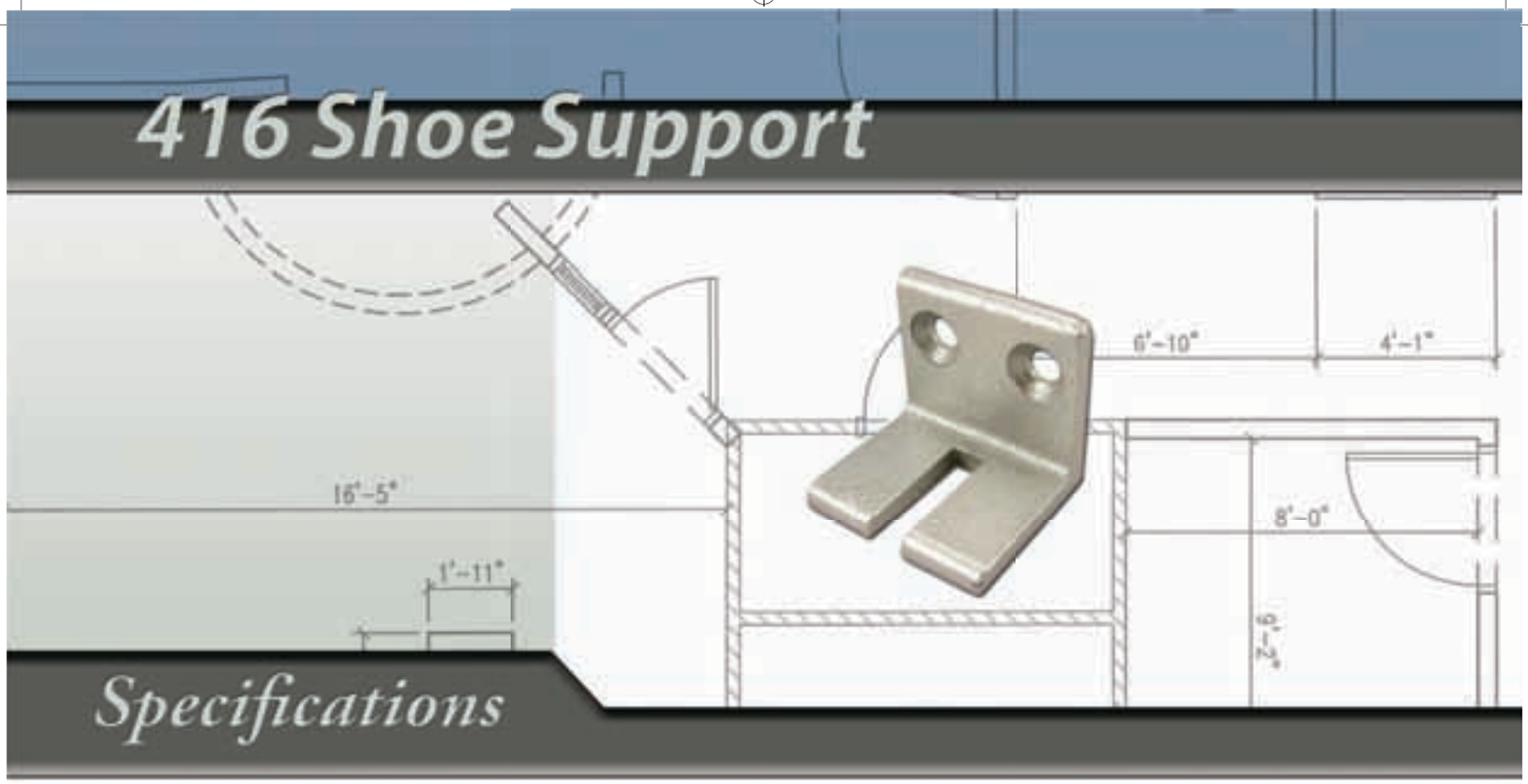
Specifications

Base Material :	**Aluminum**
Size :	**3 1/2" length x 1" width x 1/2' thick**
Application :	**Used as a spacer when the door frame has a blade stop and the PA bracket must be mounted on the frame rabbet**
Finishes :	**AL, BZ, painted finishes**
Fasteners :	**Machine, Wood, Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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416 Shoe Support



Specifications

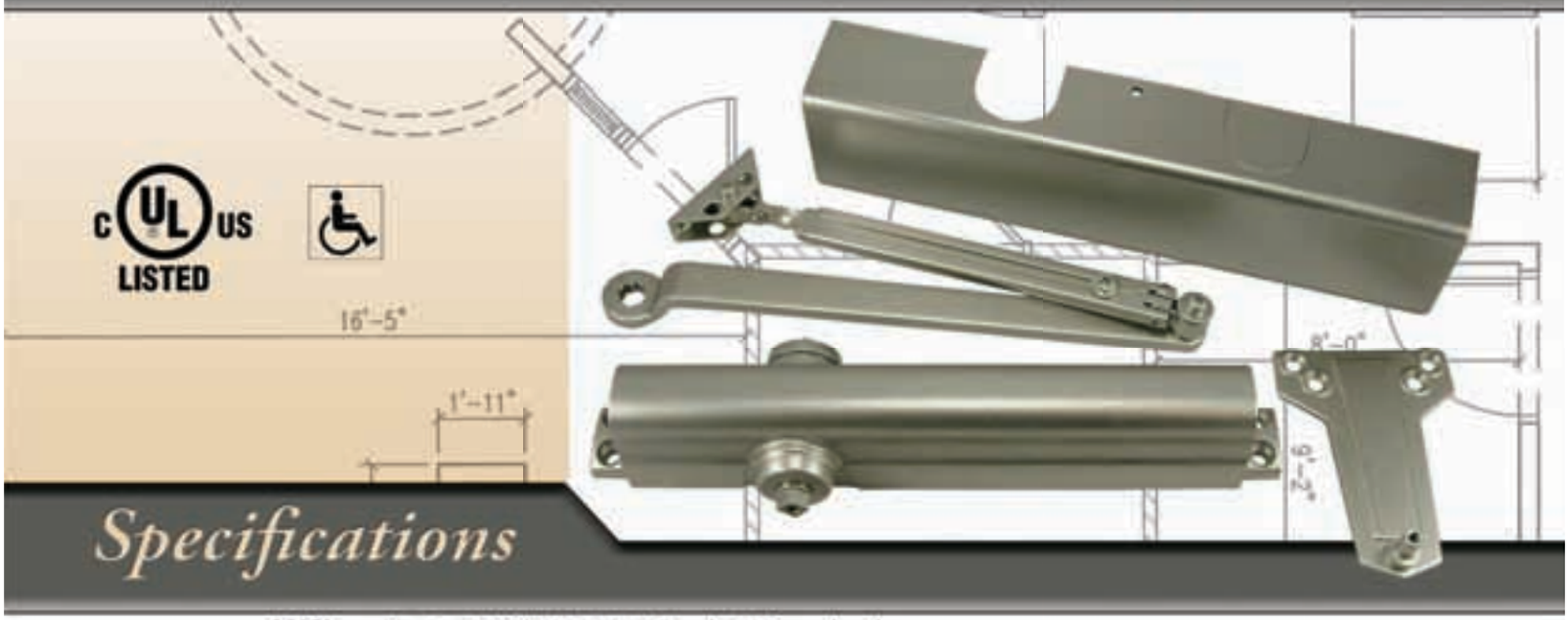
Base Material :	**Steel**
Size :	**1 1/4" length x 1 1/4" width x 1/8' thick**
Application :	**Used to provide anchorage for fifth screw used with Heavy Duty Arms where reveal is less than 3 1/6" for parallel arm mounitng only**
Finishes :	**AL, BZ, painted finishes**
Fasteners :	**Machine, Wood, Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316 Series

Heavy Duty Door Closer



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Specifications

ANSI :	**Meets ANSI A156.4 - Grade 1 Standards**
UL Listings: :	**"A" Label 3 Hour Fire Doors, UL10C Positive Pressure Rated**
ADA Compliance :	**Meets ADA requirements ANSI A117.1**
Closer Body :	**Heavy Duty Cast Aluminum Closer Body, Rack & Pinion Const.**
Piston, Spindle, Spring :	**Heat Treated Heavy Duty Steel Piston, Spindle & Spring**
Spring Sizing :	**Adjustable Spring Power from Size 1 to 4 - Preset at size 3**
Speed Controls :	**Independent Latch & Sweep Speed Controls**
Back Check :	**Back Check Intensity Control Standard**
Valves :	**Staked Valves to prevent backing valves out too far**
Covers :	**Molded Plastic Cover included - Metal cover included with US3 & US26 finish**
CTC Hole Pattern :	**12" CTC Horizontally x 3/4" CTC Vertically**
Projection :	**Slim 2 1/8" projection with cover installed**
Minimun Top Rail :	**Regular: 3 1/2" - Top Jamb: 2 1/4" - Parallel Arm: 5 1/4"**
Fasteners :	**Thru bolts with machine screws, Wood screws & Self tapping machine screws included**
Mounting styles:	**Includes all screws and brackets for Regular, Top Jamb and Parallel Arm Installations**
Accessories:	**Hold Open Arms, Heavy Duty Arms, Drop Plates, Extended Arms & more...**
Warranty:	**Limited Lifetime Warranty**





Available Finishes

DH #	*US #*	*BHMA #*	*Finish Description*
AL	ALUM	689	Aluminum Painted
BZ	DURO	690	Dark Bronze Painted
GLD	GOLD	696	Gold Painted
US3	US3	632	Bright /Polished Brass
US26	US26	651	Bright/Polished Chrome





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316/116 Door Closer Accessories

Heavy Duty & Hold Open Arms



316/116 Series
Heavy Duty Arm



316/116 Series
HD Hold Open Arm



316/116 Adustable
Type Hold Open Arm



316/116 Friction
Type Hold Open Arm

116 Drop Plates & Cover



116 Regular/TJ Drop Plate



116 PA Drop Plate



116 Cover (Optional)

316 Drop Plates



316 Regular Drop Plate



316 Top Jamb Drop Plate



316 Parallel Arm Drop

116/316 Parts & Accessories



116 Extended Arm
For 4" to 8" Jamb Depth



316 Extended Arm
For 4" to 8" Jamb Depth



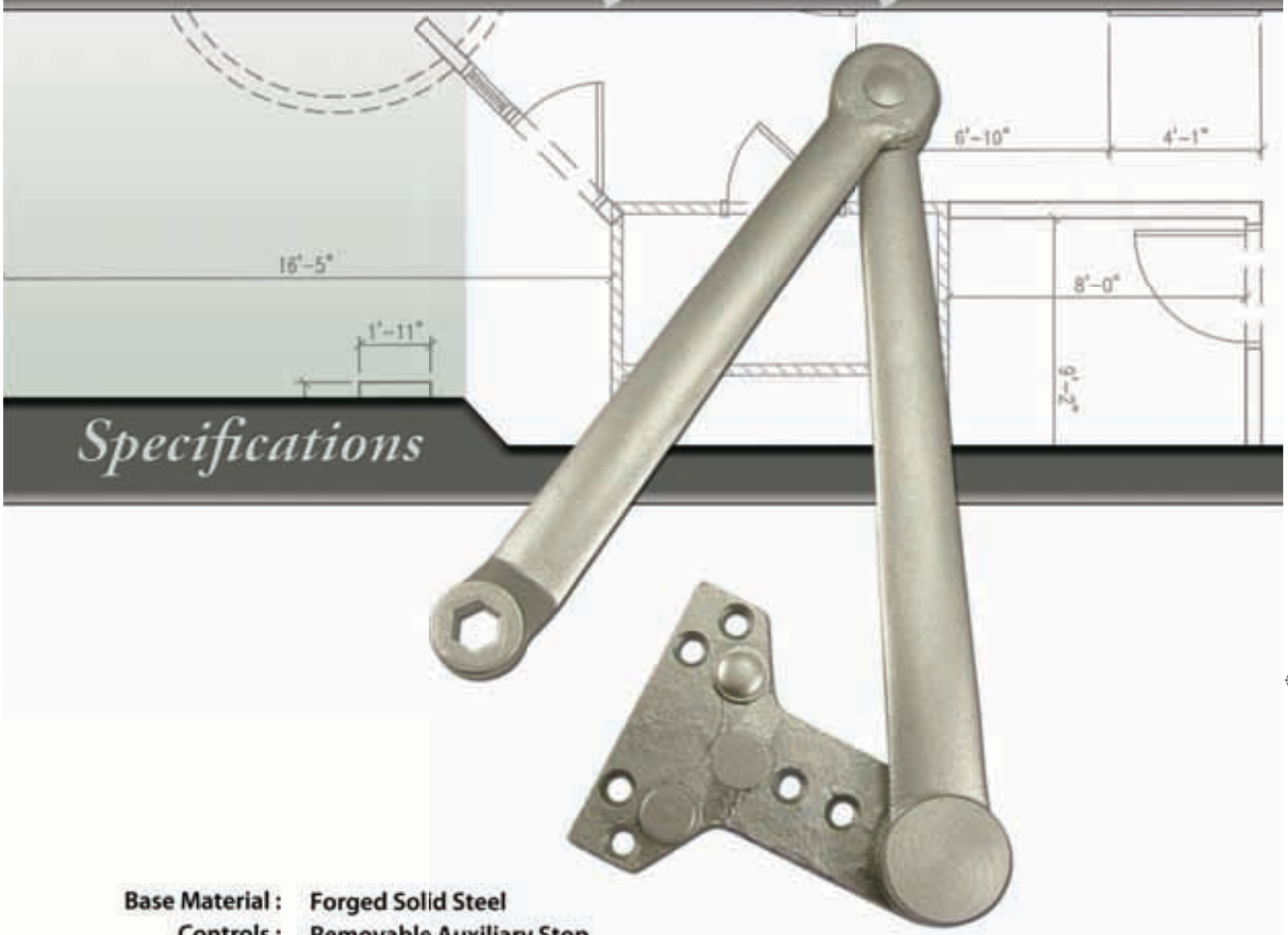
316/116 Blade Stop Spacer

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316 Heavy Duty Arm



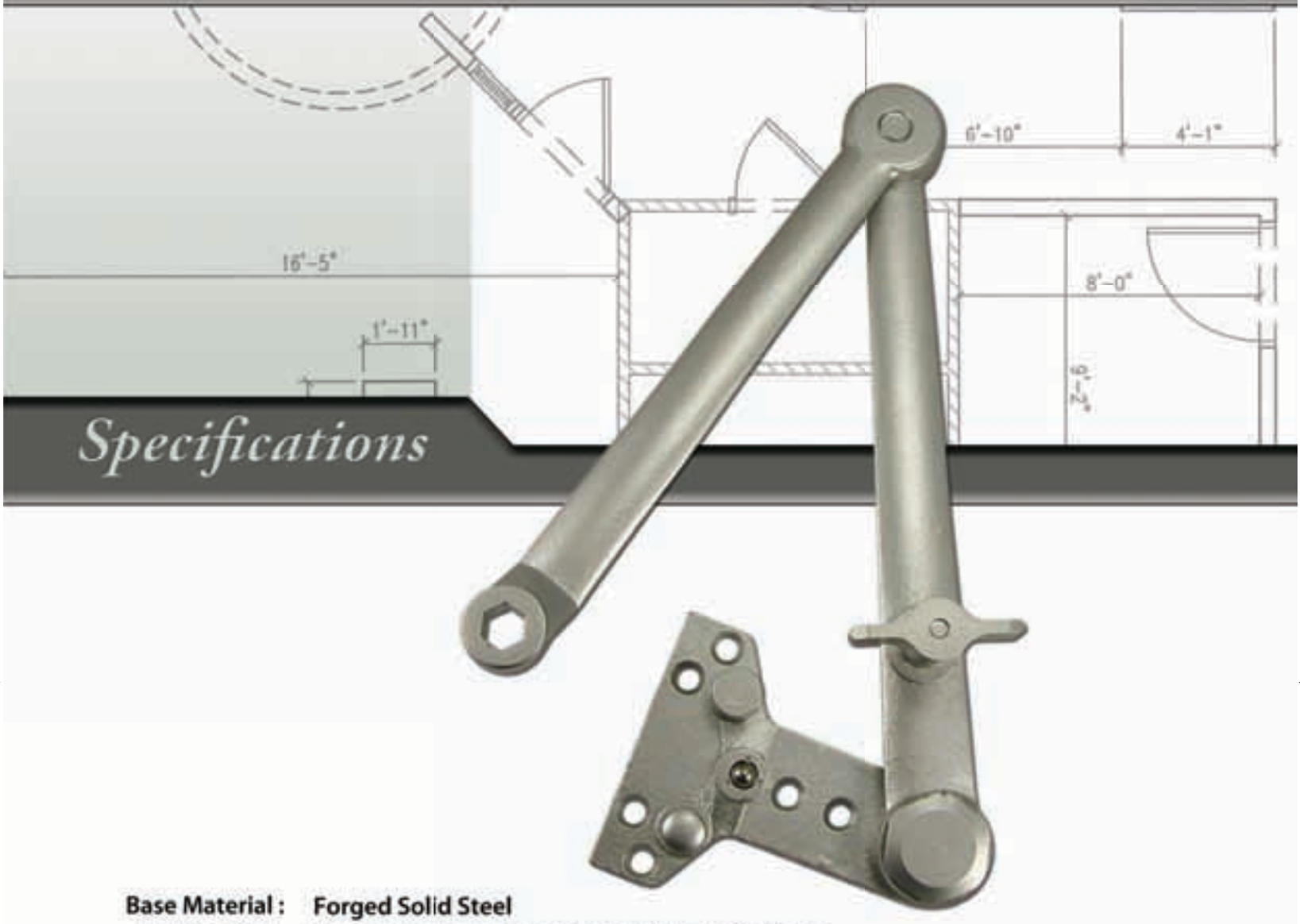
Specifications

Base Material :	**Forged Solid Steel**
Controls :	**Removable Auxiliary Stop**
Handing :	**Non Handed**
Mounting :	**Parallel Arm only**
Finishes :	**AL, BZ, GLD painted finishes**
Duty :	**Ideal for High Abuse applications**
Accessories :	**Fifth Hole Spacer included for shoe support & Blade Stop Spacer also available**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316 HD Hold Open Arm



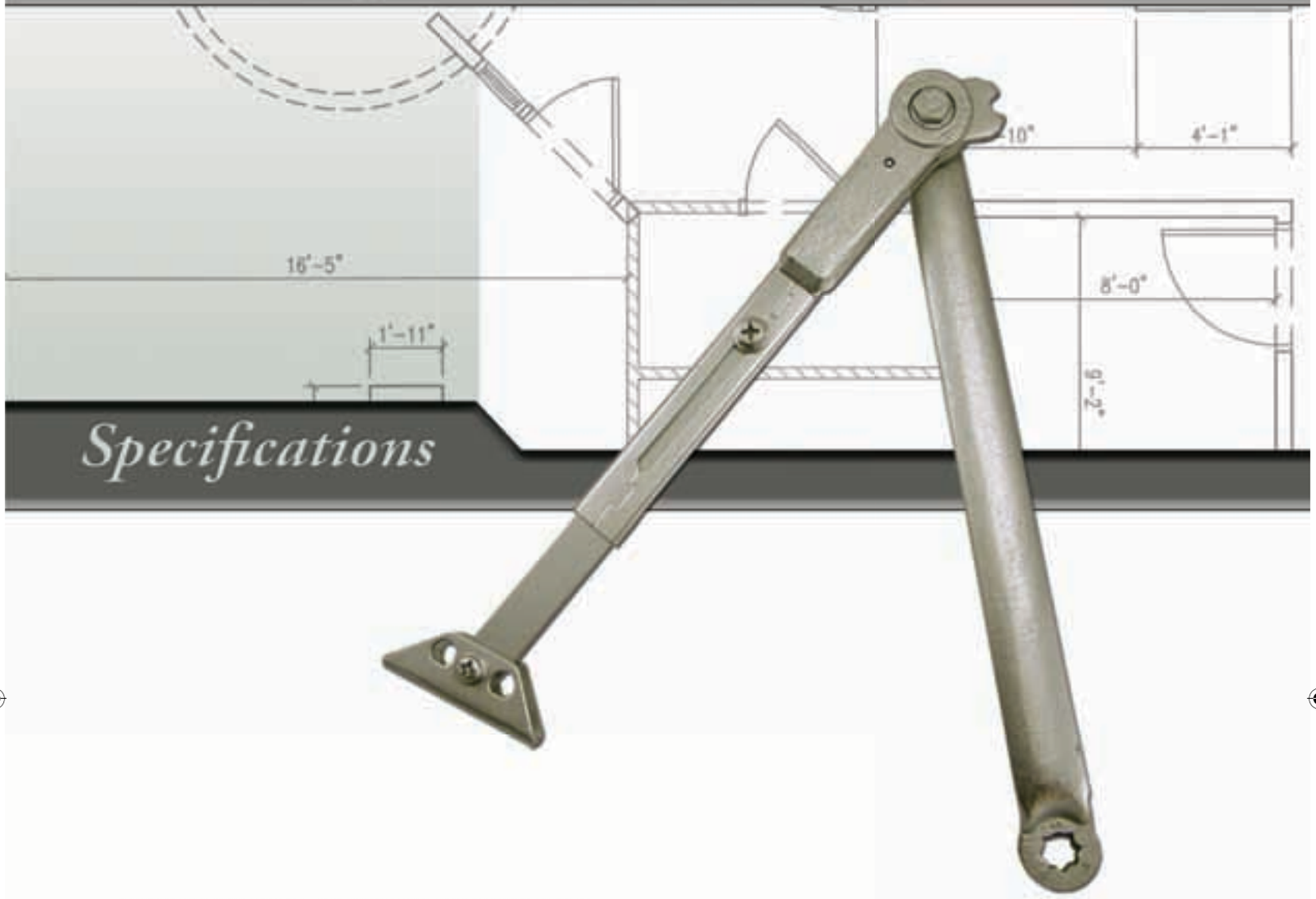
Specifications

Base Material :	**Forged Solid Steel**
Application :	**Used to hold door open in non UL applications**
	Ideal for use in High Abuse areas
Controls :	**T-Turn Hold Open Function & Removable Auxiliary Stop**
Handing :	**Non Handed**
Mounting :	**Parallel Arm only**
Finishes :	**AL, BZ, GLD painted finishes**
Accessories :	**Fifth Hole Spacer included for shoe support**
	& Blade Stop Spacer also available
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316 Adjustable Hold Open Arm



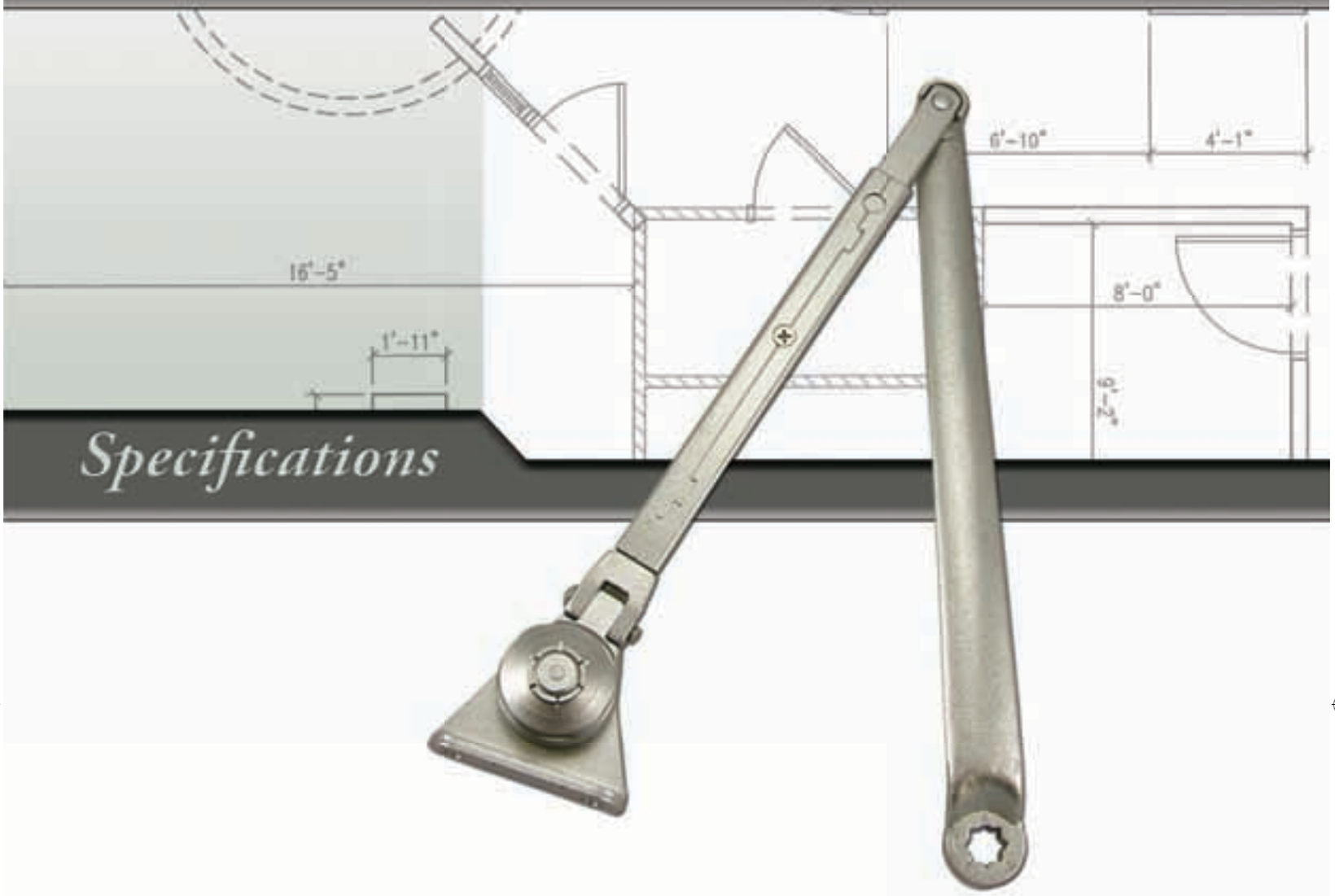
Specifications

Base Material :	**Forged & Stamped Steel**
Application :	**Used to hold doors open in non UL applications**
Controls :	**Hold Open Function at elbow using spring loaded ball bearing which allows for an adjustable hold open position**
Handing :	**Non Handed**
Mounting :	**Regular, Top Jamb & Parallel Arm**
Adjustability :	**Slide Arm adjustment for different jamb depths**
Finishes :	**AL, BZ, GLD painted finishes**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316 Friction Hold Open Arm



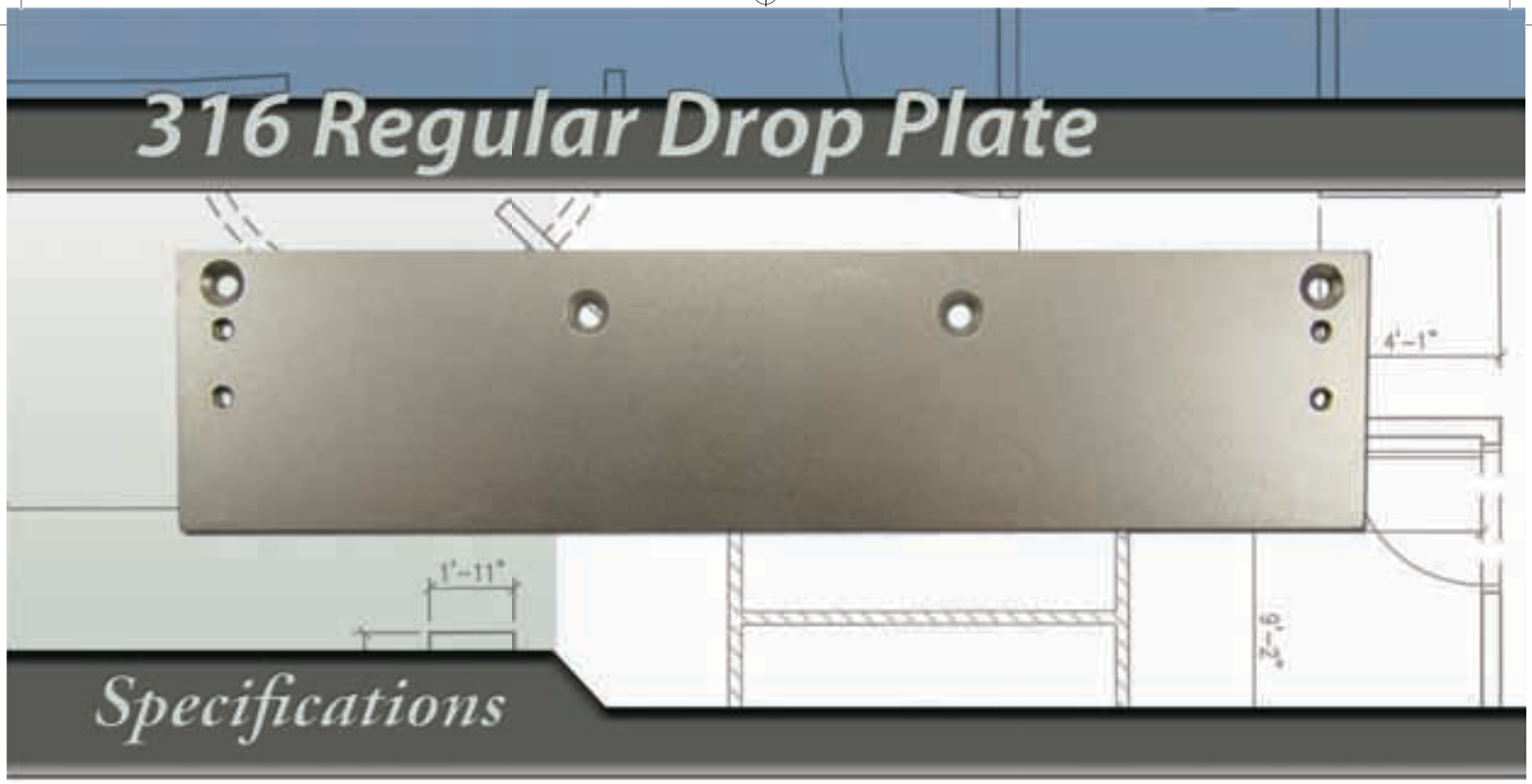
Specifications

Base Material :	**Forged & Stamped Steel**
Application :	**Used to hold doors open in non UL applications**
Controls :	**Hold Open Function using friction type fitting under nut which also allows for multiple hold open positions**
Handing :	**Non Handed**
Mounting :	**Regular, Top Jamb & Parallel Arm (includes PA bracket)**
Adjustability :	**Two arm length positions allow for different jamb depths**
Finishes :	**AL, BZ, GLD painted finishes**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316 Regular Drop Plate



Specifications

Base Material :	**Steel**
Size :	**3 1/4" height x 13" width x 1/4" thickness**
Handing :	**Non Handed**
Application:	**Used for regular arm mounting when the top rail is too narrow to allow the closer to be mounted directly to the door surface**
Finishes :	**AL, BZ, GLD painted finishes**
Prepared holes :	**Screw holes drilled & tapped for closer mounting & countersunk for installation to frame or door**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316 Parallel Arm Drop Plate



Specifications

Base Material :	**Steel**
Size :	**5" height x 13" width x 1/4" thickness**
Handing :	**Non Handed**
Application :	**Used for parallel arm mounting when the top rail is too narrow to allow the closer to be mounted directly to the door surface**
Minimum Top Rail :	**Requires a minimum top rail of 2 7/8"**
Finishes :	**AL, BZ, GLD painted finishes**
Prepared holes :	**Screw holes drilled & tapped for closer mounting & countersunk for installation to frame or door**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316 Top Jamb Drop Plate



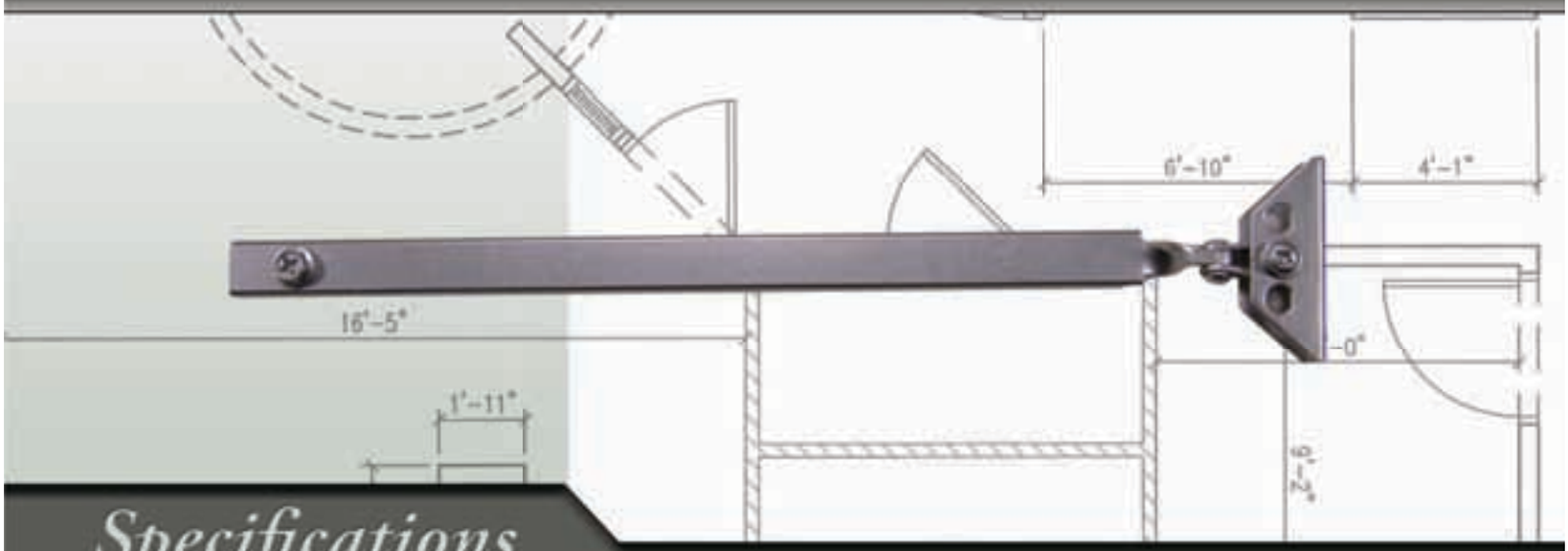
Specifications

Base Material :	**Steel**
Size :	**3 5/8" height x 13" width x 1/4" thickness**
Handing :	**Non Handed**
Application :	**Used for top jamb mounting in low ceiling clearance applications or when an overhead door holder prevents normal top jamb mounting of closer body**
Finishes :	**AL, BZ, GLD painted finishes**
Prepared holes :	**Screw holes drilled & tapped for closer mounting & countersunk for installation to frame or door**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316 Extended Arm



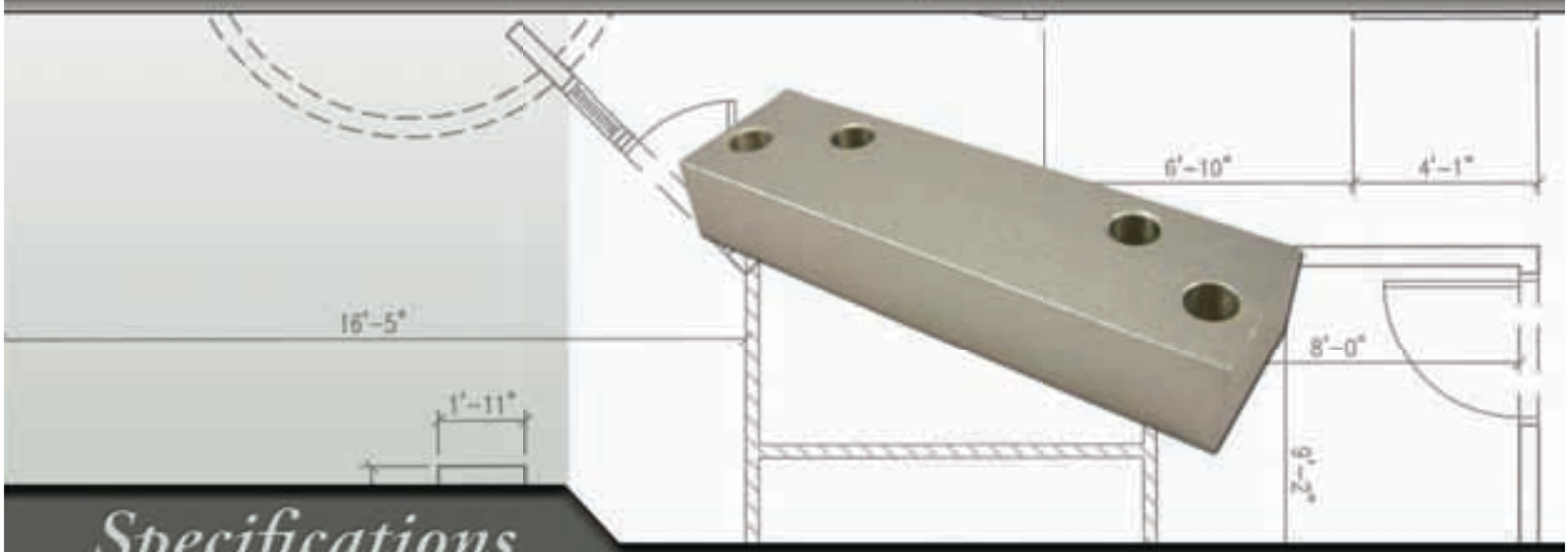
Specifications

Base Material :	**Steel**
Size :	**13 1/2" total length**
Application :	**Used for frame reveals larger than 4" and up to 8"**
	Direct replacement for standard forearm
Inlcuded Accessories :	**Includes shoe already installed and forearm screw**
Handing :	**Non Handed**
Finishes :	**AL, BZ, GLD painted finishes**
Fasteners :	**Machine, Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316/116 Blade Stop Spacer



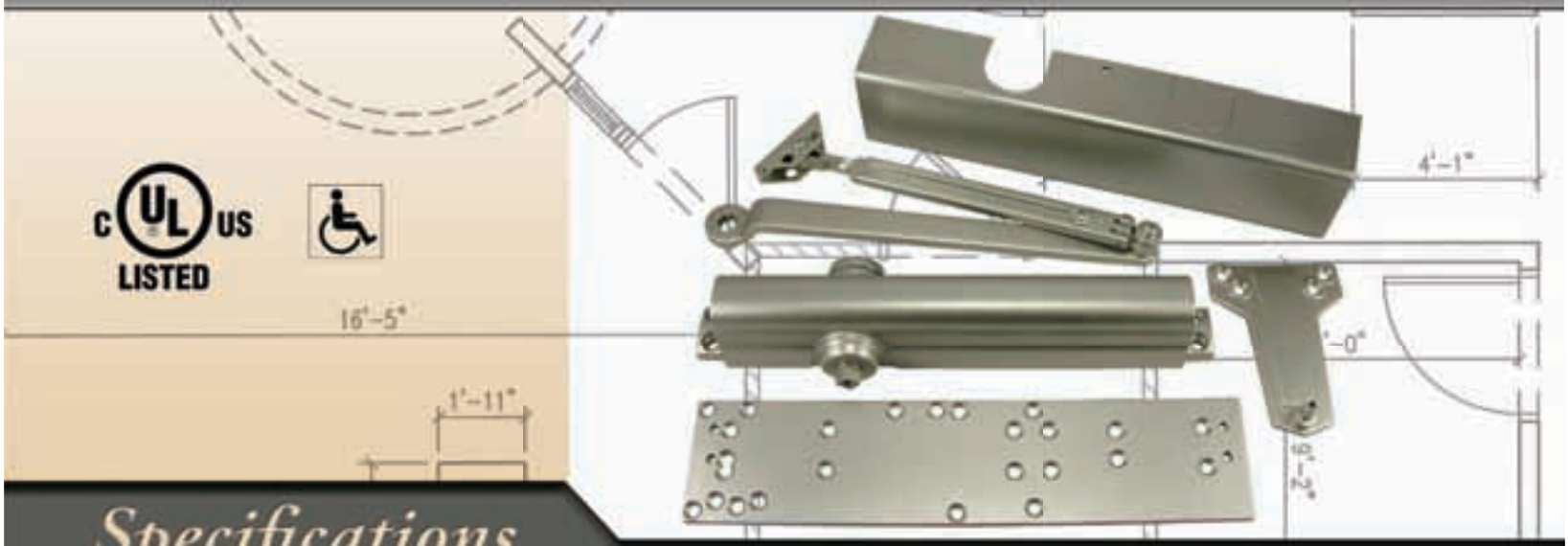
Specifications

Base Material :	**Aluminum**
Size :	**3 1/2" length x 1" width x 1/2' thick**
Application :	**Used as a spacer when the door frame has a blade stop and the PA bracket must be mounted on the frame rabbet**
Finishes :	**AL, BZ, GLD painted finishes**
Fasteners :	**Machine, Wood, Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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316R Series Replacement Door Closer



Specifications

Mounting Plate :	**Includes Patented Mounting Plate - Patent # 7698796 Mounting Plate can be used to replace a wide variety of the most popular door closers on the market without drilling new holes in the door**
ANSI :	**Meets ANSI A156.4 - Grade 1 Standards**
UL Listings: :	**"A" Label 3 Hour Fire Doors & UL10C Positive Pressure Rated**
ADA Compliance :	**Meets ADA requirements ANSI A117.1**
Closer Body :	**Heavy Duty Cast Aluminum Closer Body, Rack & Pinion Const.**
Spring Sizing :	**Adjustable Spring Power from Size 1 to 4 - Preset at size 3**
Speed Controls :	**Independent Latch & Sweep Speed Controls**
Back Check :	**Back Check Intensity Control Standard**
Valves :	**Staked Valves to prevent backing valves out too far**
Covers :	**Molded Plastic Cover included to conceal mounting plate**
Projection :	**Slim 2 1/4" projection with cover installed over mtg. plate**
Fasteners :	**Thru bolts with machine screws, Wood screws & Self tapping machine screws**
Warranty:	**Limited Lifetime Warranty**



Available Finishes

DH #	*US #*	*BHMA #*	*Finish Description*
AL	ALUM	689	Aluminum Painted
BZ	DURO	690	Dark Bronze Painted

Available in either standard 6 per case box pack or 3 per case visual bubble pack with counter vending box insert with each case of 3



***Replaces:**
- **Corbin Russwin: 3200, 3600, 6200, 6400**
- **Design Hardware: 116, 316, 416**
- **Dorma: 8600, 7200, 7300**
- **Dor-O-Matic: SC60, SC70, SC80**
- **LCN: 4041, 4110, 1460**
- **Norton: 1600, 8100, 8300, 8500, 7500, 7700**
- **Ryobi: 1650, 3500, 4500**
- **Sargent: 1430**
- **Yale: 50, 150, 400, 3100, 3300, 3500, 4400**

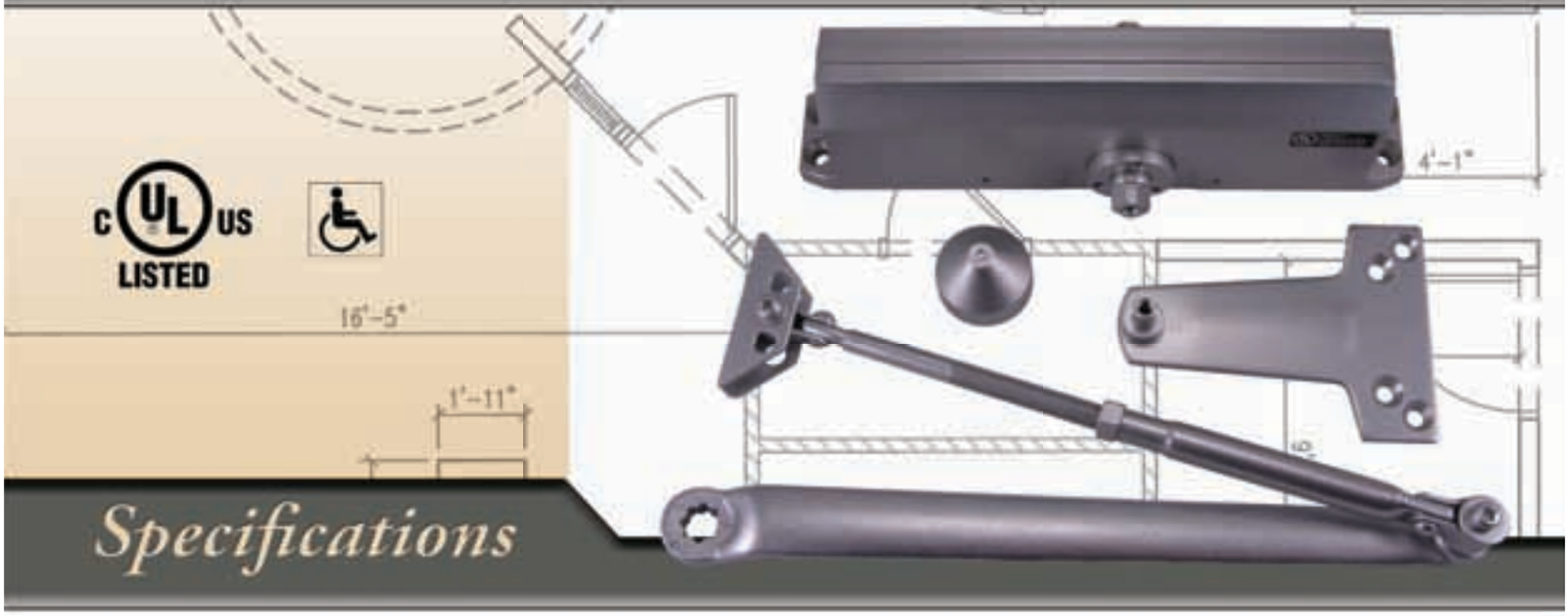
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116 Series

Heavy Duty Door Closer



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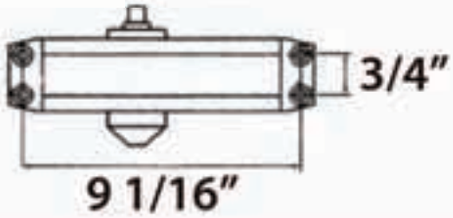
Specifications

ANSI :	Meets ANSI A156.4 - Grade 1 Standards
UL Listings: :	UL Listed for "A" Label 3 Hour Fire Doors, UL10C Positive Pressure Rated
ADA Compliance :	Meets ADA requirements ANSI A117.1
Closer Body :	Heavy Duty Cast Aluminum Closer Body with Rack & Pinion Const.
Piston, Spindle, Spring :	Heat Treated Heavy Duty Steel Piston, Spindle & Spring
Spring Sizing :	Adjustable Spring Power from Size 1 to 4 - Factory preset at size 3
Speed Controls :	Independent Latch & Sweep Speed Controls
Back Check :	Back Check Intensity Control Standard
Valves :	Staked Valves to prevent backing valves out too far
Included Parts :	Plastic Pinion Cap & PA Bracket included
Covers :	Molded Plastic Cover available seperately
CTC Hole Pattern :	9 1/16" CTC Horizontally x 3/4" CTC Vertically
Projection :	2 7/8" projection without cover
Minimun Top Rail :	Regular: 3 1/8" - Top Jamb: 1 7/8 " - Parallel Arm: 5 3/4"
Fasteners :	Machine screws & Thru Bolts, Wood screws & Self tapping machine screws included
Mounting styles:	Includes all screws and brackets for Regular, Top Jamb and Parallel Arm Installations
Accessories:	Hold Open Arms, Heavy Duty Arms, Drop Plates, Extended Arms & more...
Warranty:	Limited Lifetime Warranty



Available Finishes

DH #	US #	BHMA #	Finish Description
AL	ALUM	689	Aluminum Painted
BZ	DURO	690	Dark Bronze Painted



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116/316 Door Closer Accessories

Heavy Duty & Hold Open Arms



316/116 Series
Heavy Duty Arm



316/116 Series
HD Hold Open Arm



316/116 Adustable
Type Hold Open Arm



316/116 Friction
Type Hold Open Arm

116 Drop Plates & Cover



116 Regular/TJDrop Plate



116 PA Drop Plate



116 Cover (Optional)

316 Drop Plates



316 Regular Drop Plate



316 Top Jamb Drop Plate



316 Parallel Arm Drop

116/316 Parts & Accessories



116 Extended Arm
For 4" to 8" Jamb Depth



316 Extended Arm
For 4" to 8" Jamb Depth



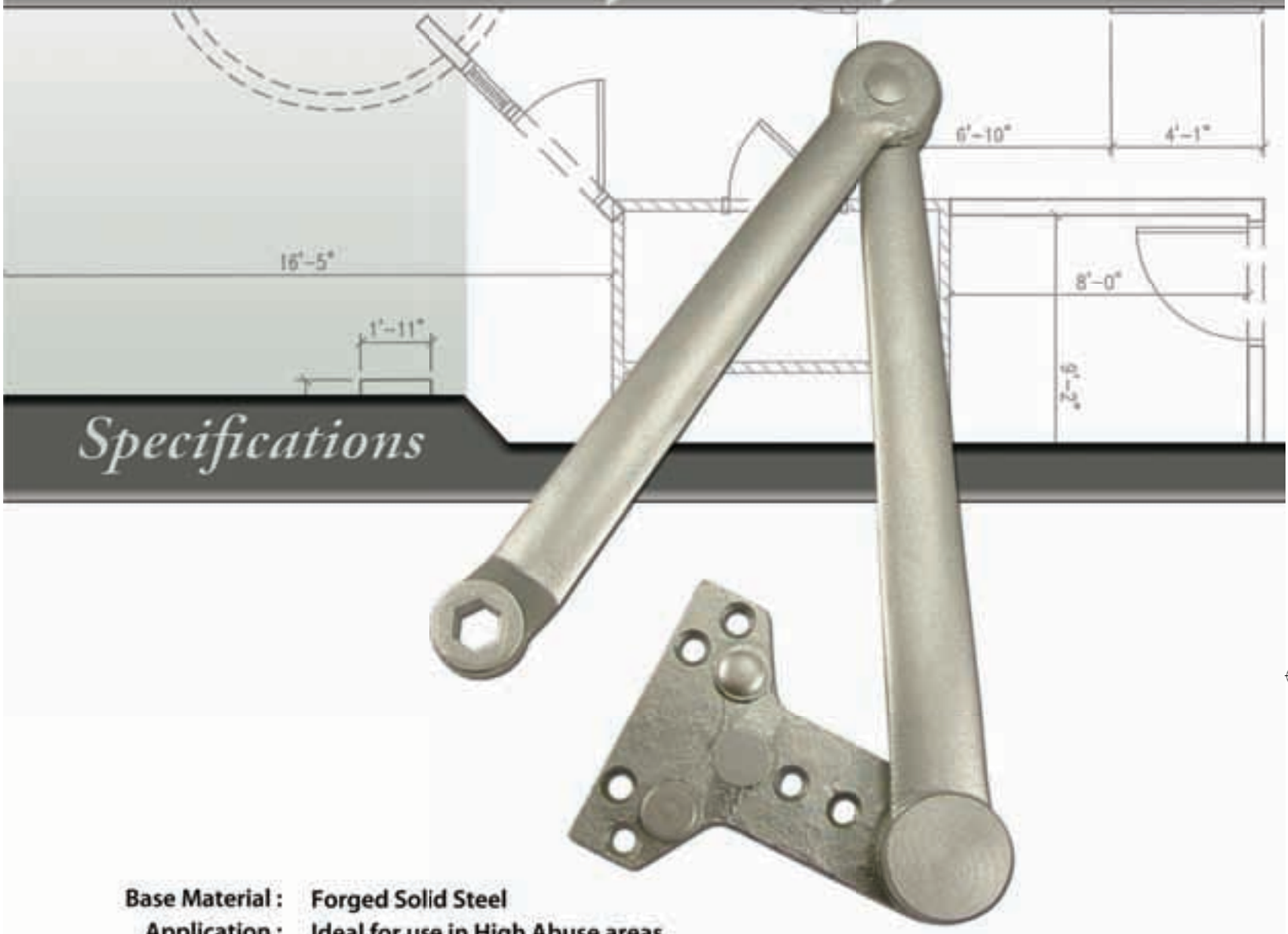
316/116 Blade Stop Spacer

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116 Heavy Duty Arm



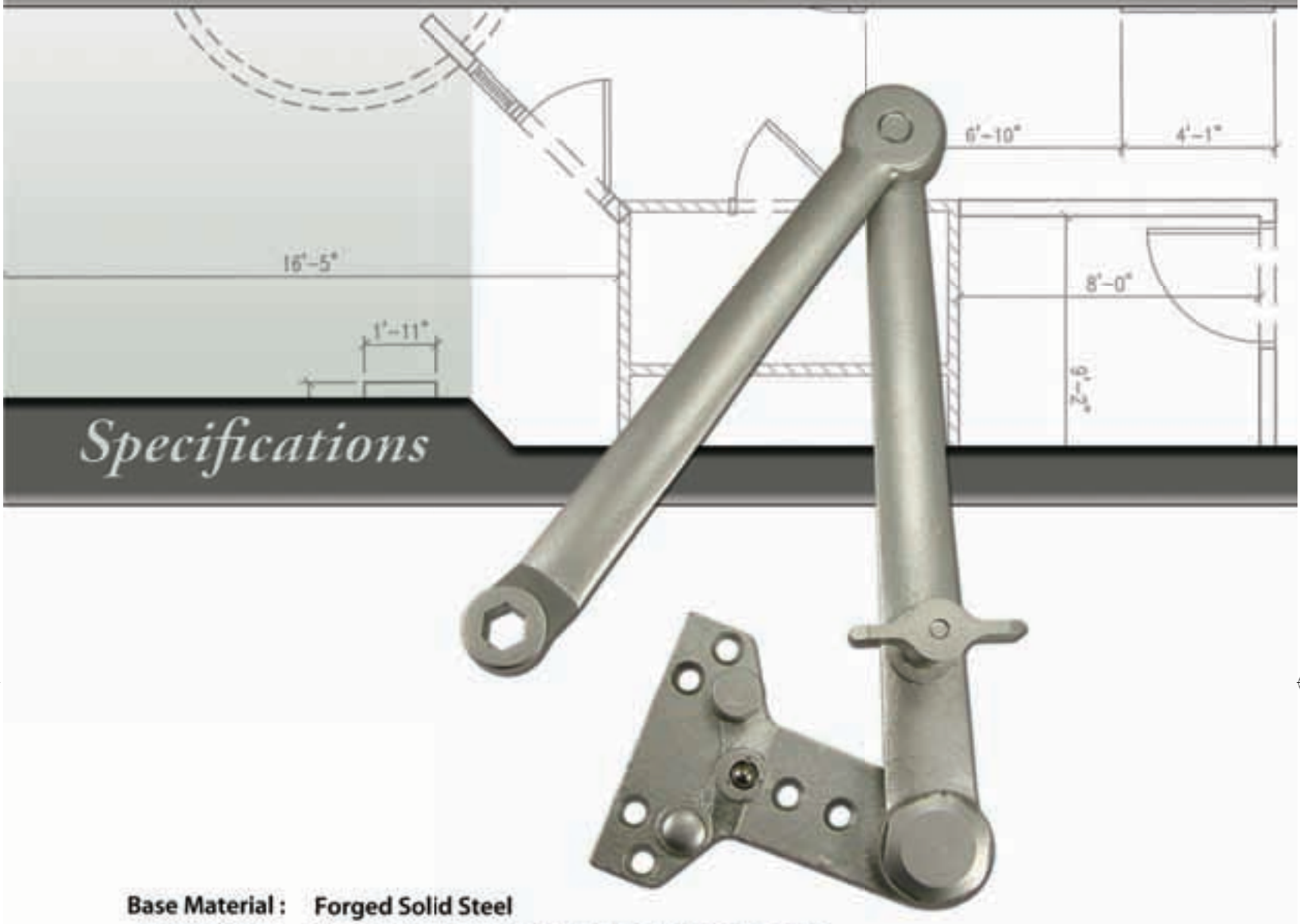
Specifications

Base Material :	**Forged Solid Steel**
Application :	**Ideal for use in High Abuse areas**
Controls :	**Removable Auxiliary Stop**
Handing :	**Non Handed**
Mounting :	**Parallel Arm only**
Finishes :	**AL, BZ painted finishes**
Accessories :	**Fifth Hole Spacer included for shoe support & Blade Stop Spacer also available**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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116 HD Hold Open Arm



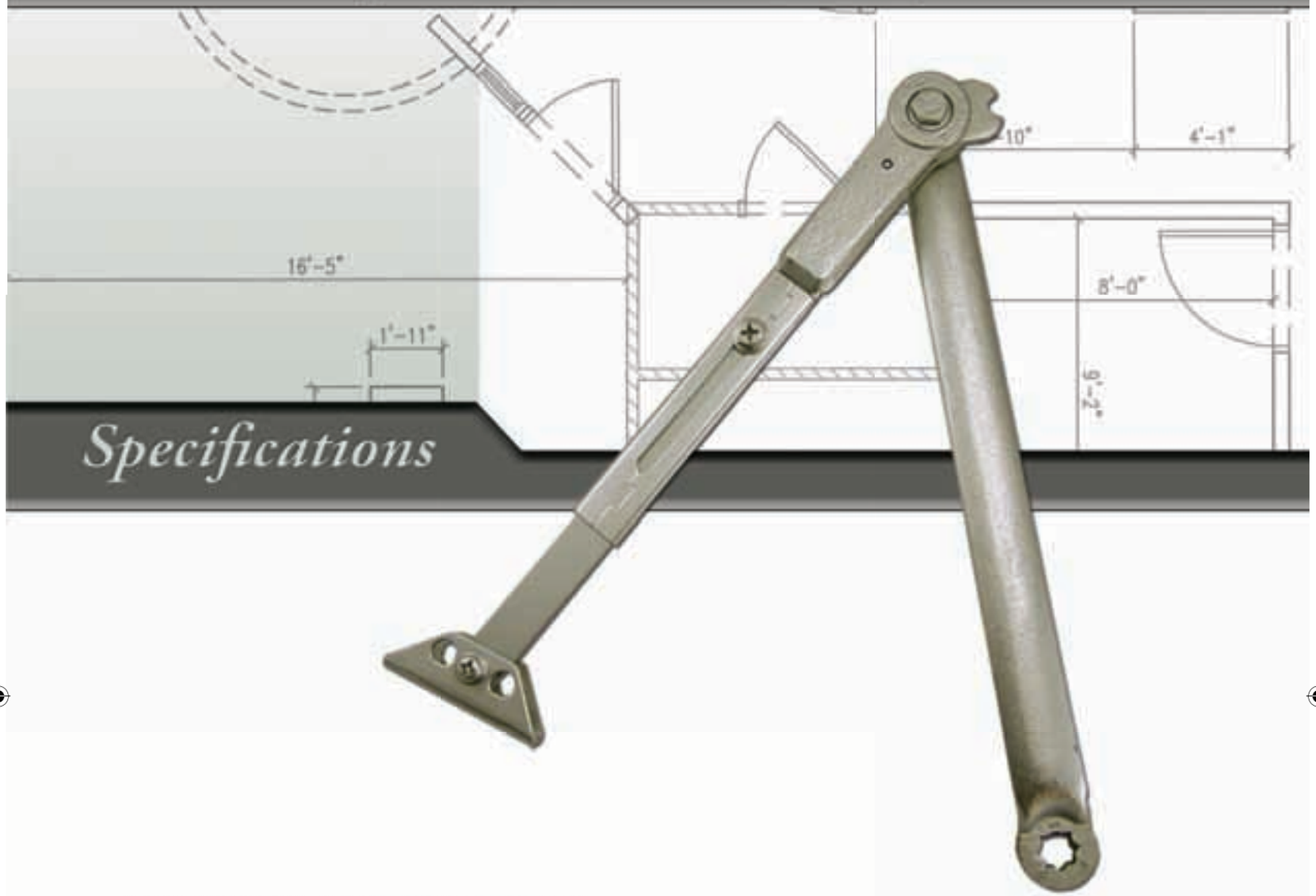
Specifications

Base Material :	**Forged Solid Steel**
Applications :	**Used to hold doors open in non UL applications**
	Ideal for use in High Abuse areas
Controls :	**T-Turn Hold Open Function & Removable Auxiliary Stop**
Handing :	**Non Handed**
Mounting :	**Parallel Arm only**
Finishes :	**AL, BZ painted finishes**
Accessories :	**Fifth Hole Spacer included for shoe support**
	& Blade Stop Spacer also available
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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116 Adjustable Hold Open Arm



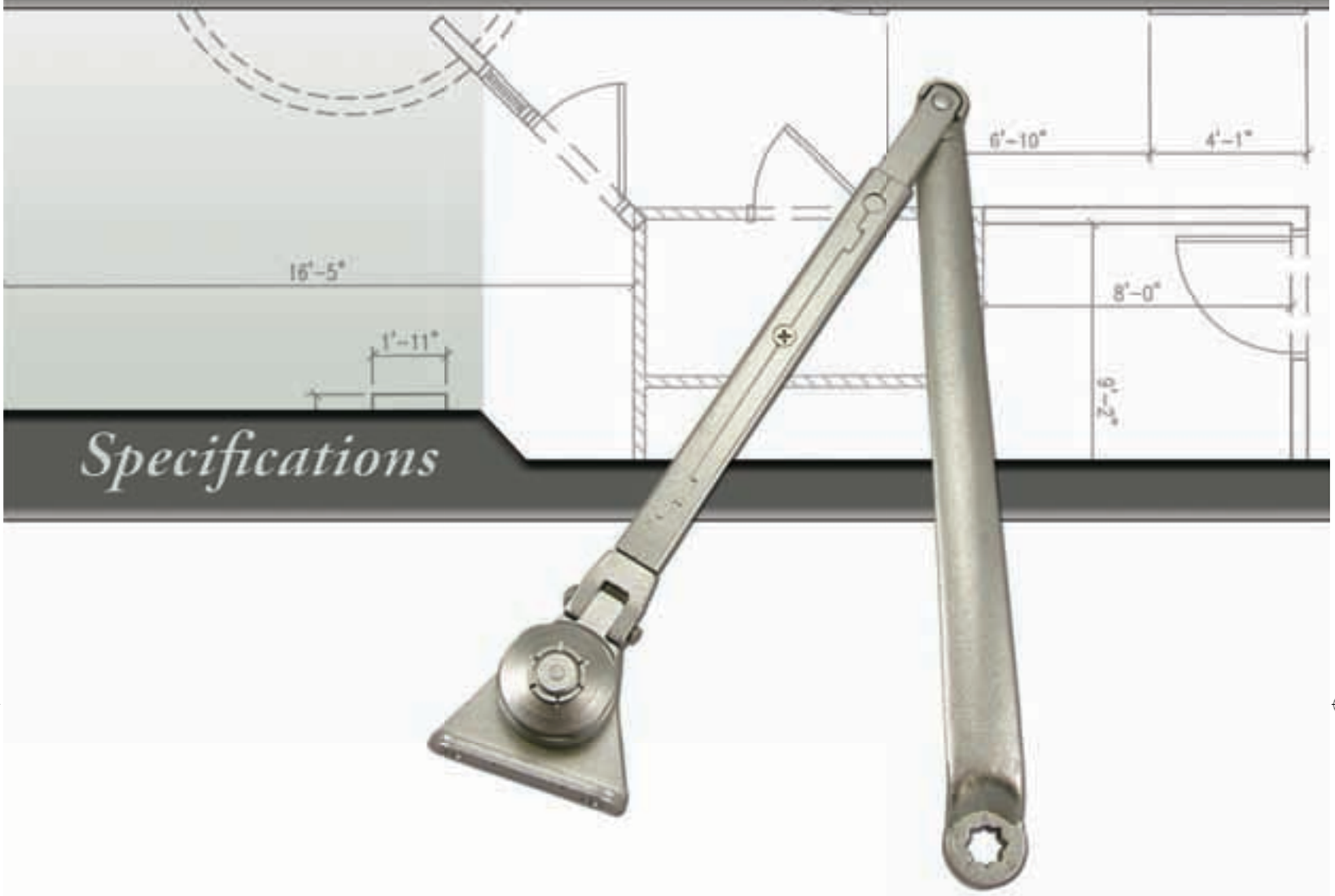
Specifications

Base Material :	**Forged & Stamped Steel**
Application :	**Used to hold doors open in non UL applications**
Controls :	**Hold Open Function at elbow using spring loaded ball bearing which allows for an adjustable hold open position**
Handing :	**Non Handed**
Mounting :	**Regular, Top Jamb & Parallel Arm**
Adjustability :	**Slide Arm adjustment for different jamb depths**
Finishes :	**AL, BZ painted finishes**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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116 Friction Hold Open Arm



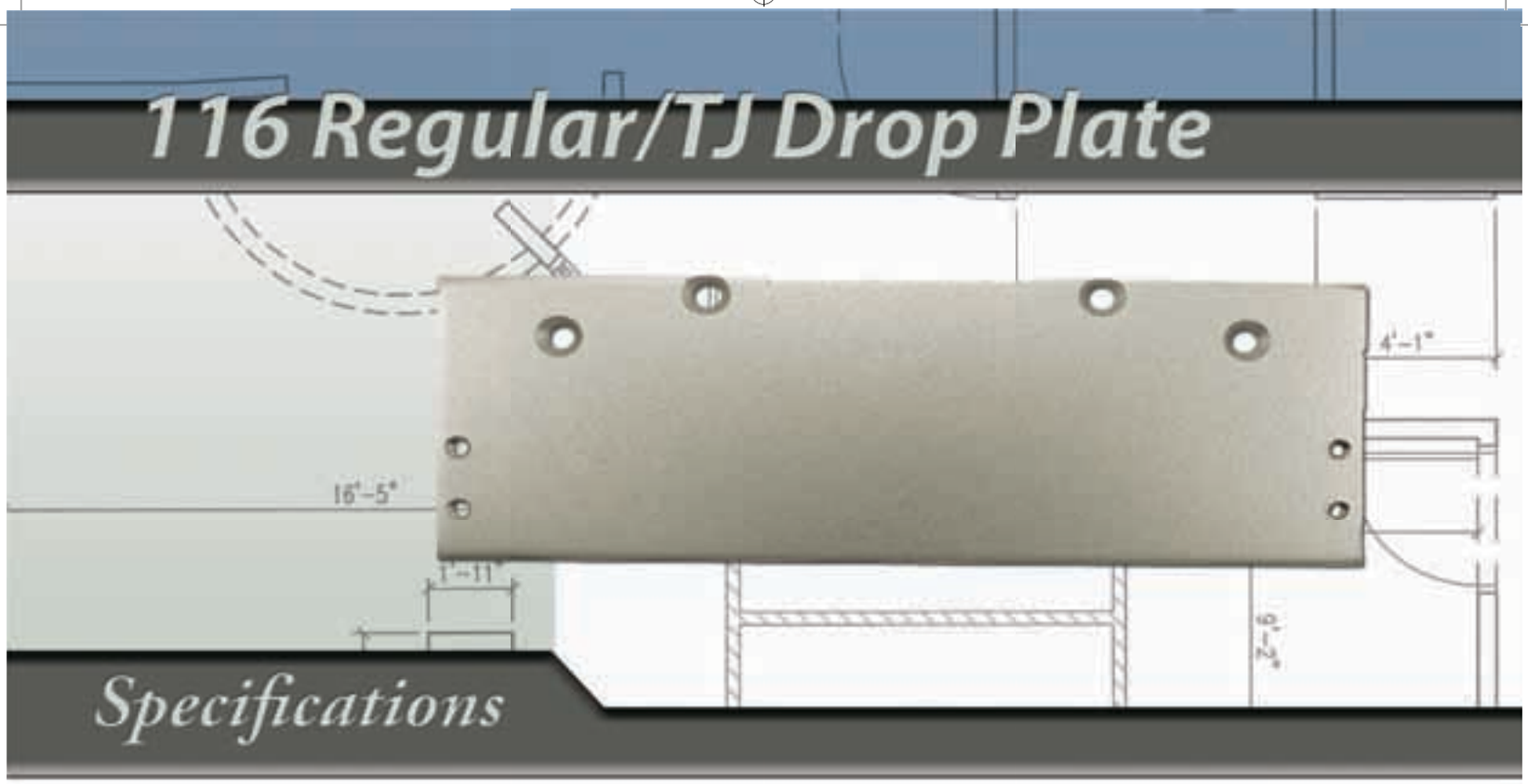
Specifications

Base Material :	**Forged & Stamped Steel**
Application :	**Used to hold door open in non UL applications**
Controls :	**Hold Open Function using friction type fitting under nut which also allows for multiple hold open positions**
Handing :	**Non Handed**
Mounting :	**Regular, Top Jamb & Parallel Arm (includes PA bracket)**
Adjustability :	**Two arm length positions allow for different jamb depths**
Finishes :	**AL, BZ painted finishes**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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116 Regular/TJ Drop Plate



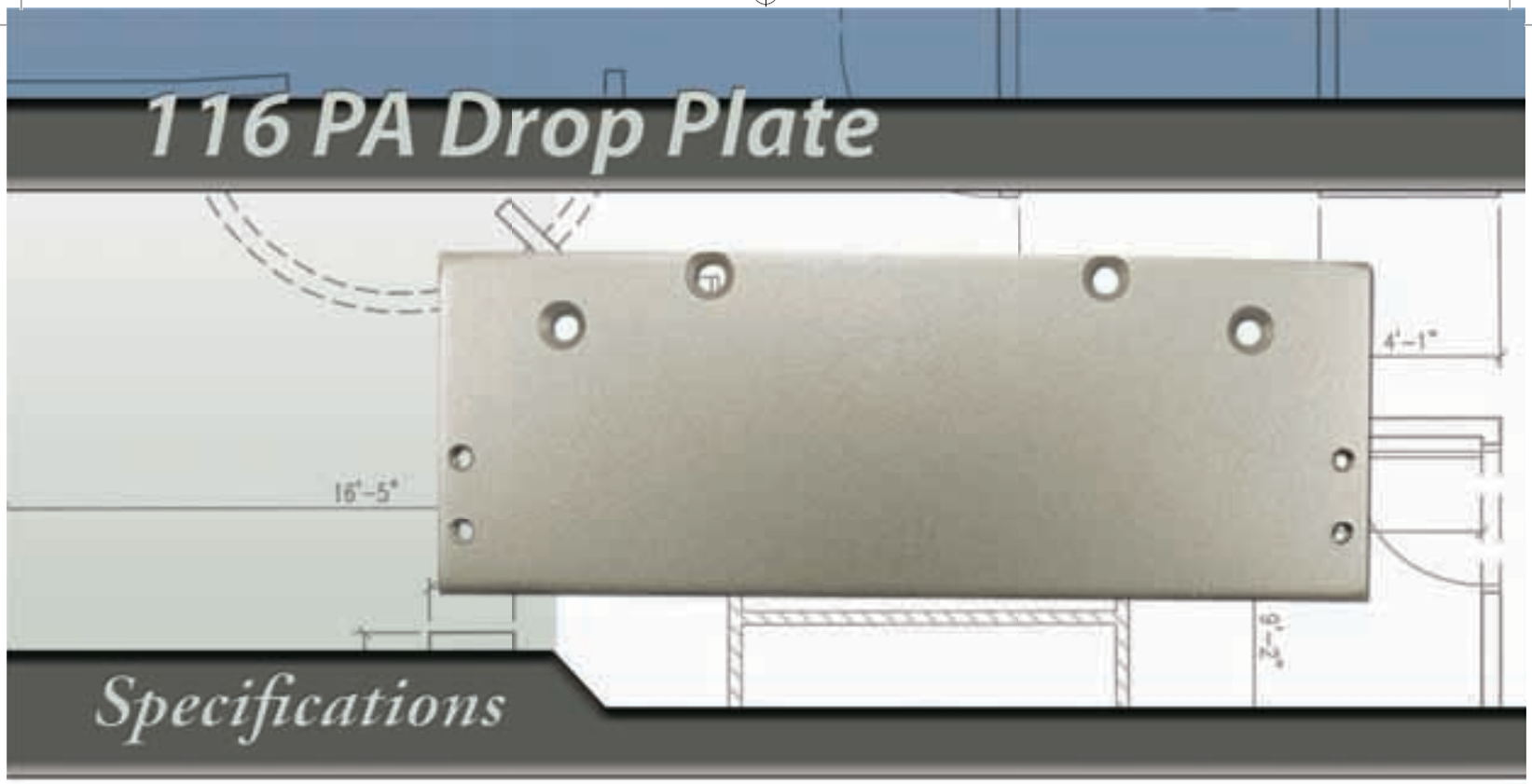
Specifications

Base Material :	**Steel**
Size :	**2 9/16" height x 9 3/4" width x 1/4" thickness**
Handing :	**Non Handed**
Regular Mount :	**Used for regular arm mounts when the top rail is too narrow to allow the closer to be mounting directly to the door surface**
Top Jamb Mount :	**Used for top jamb mounting in low ceiling clearance applications or when an overhead door holder prevents normal top jamb mounting of closer body**
Finishes :	**AL, BZ painted finishes**
Prepared holes :	**Screw holes drilled & tapped for closer mounting & countersunk for installation to frame or door**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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116 PA Drop Plate



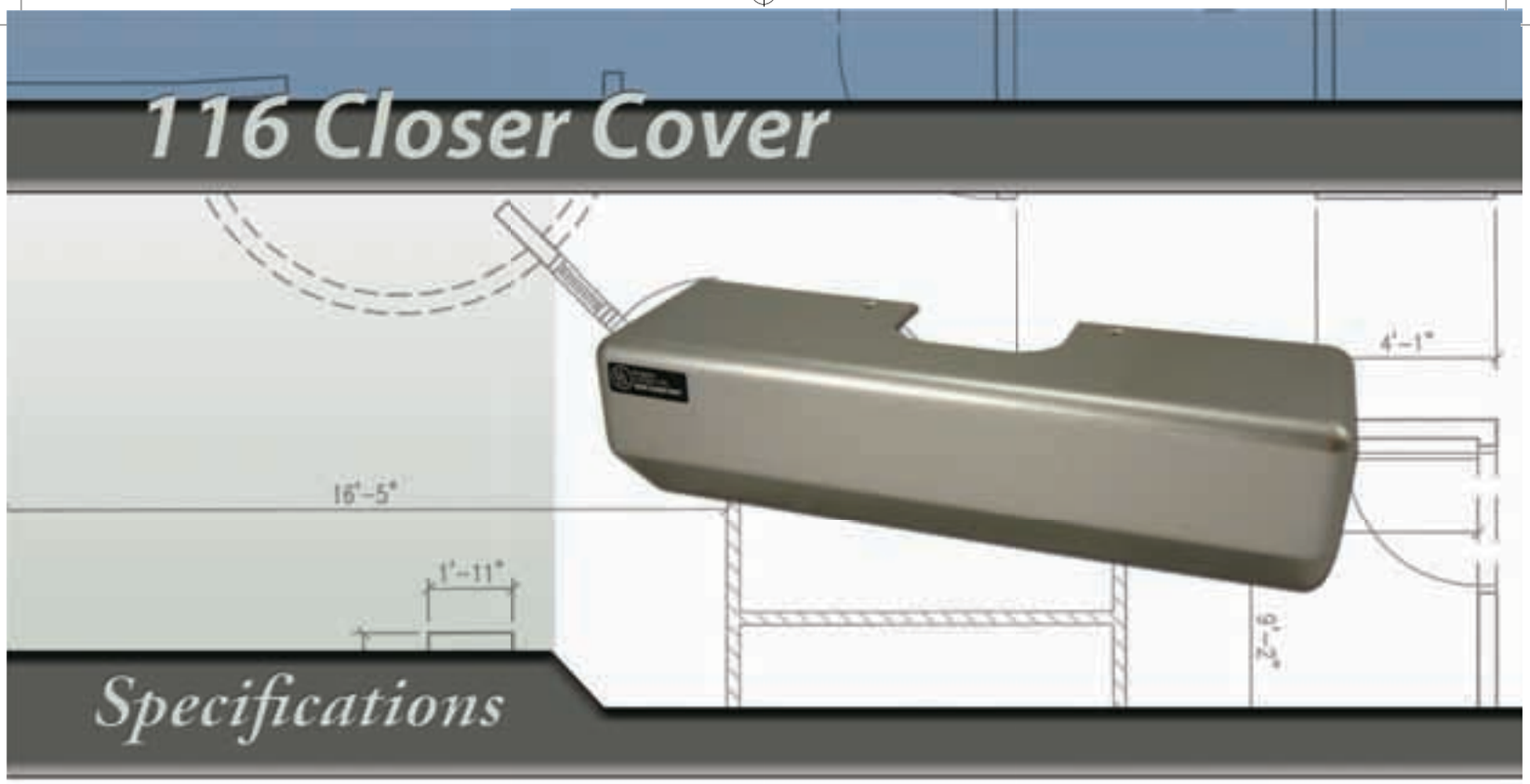
Specifications

Base Material :	**Steel**
Size :	**3 1/2" height x 9 3/4" width x 1/4" thickness**
Handing :	**Non Handed**
Application :	**Used for parallel arm mounting when the top rail is too narrow to allow the closer to be mounted directly to the door surface**
Minimum Top Rail :	**Requires a minimum top rail of 3 1/8"**
Finishes :	**AL, BZ painted finishes**
Prepared holes :	**Screw holes drilled & tapped for closer mounting & countersunk for installation to frame or door**
Fasteners :	**Machine, Wood and Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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116 Closer Cover



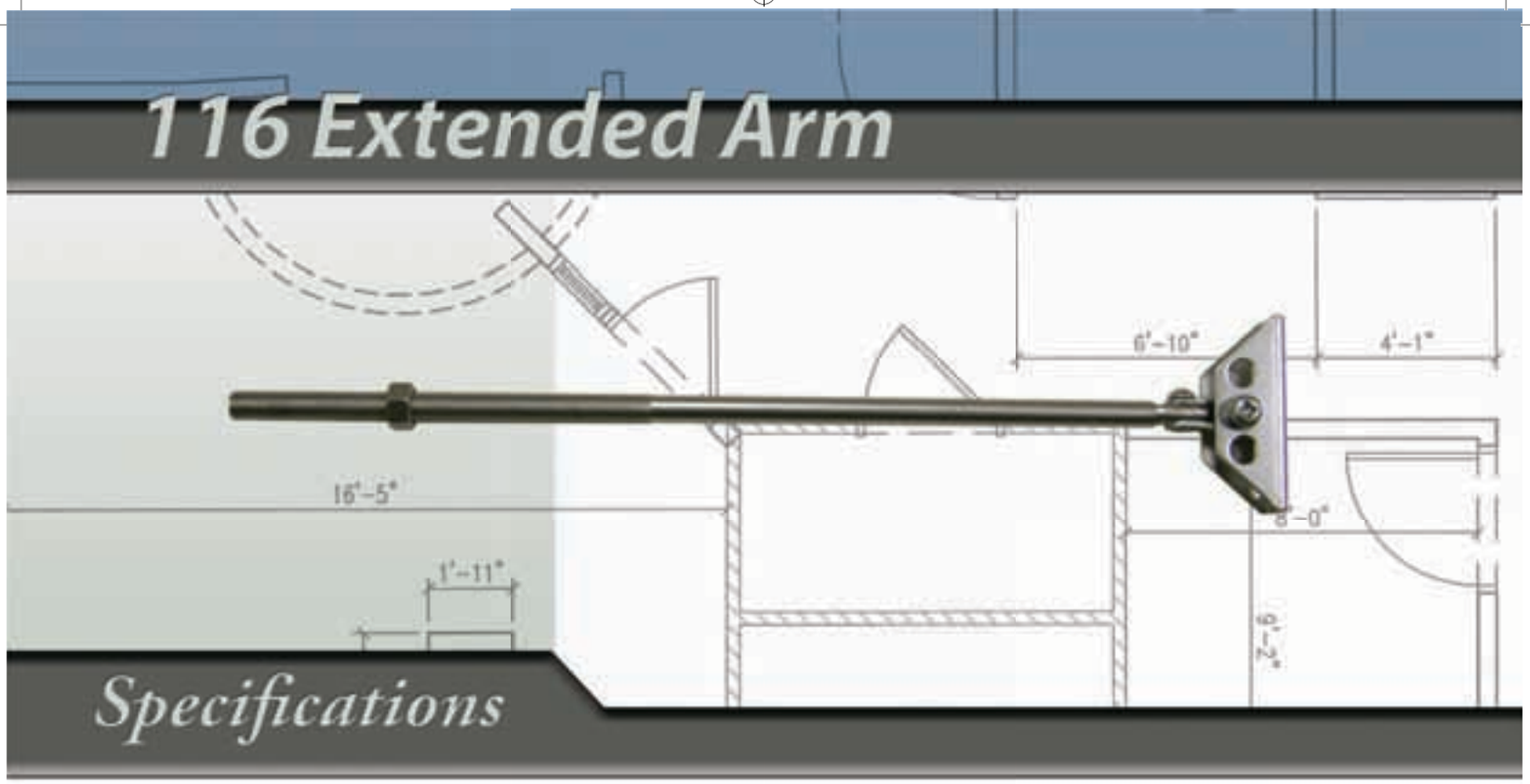
Specifications

Base Material :	**High Impact ABS plastic - Non corrosive**
Size :	**9 3/4" long x 2 9/16" tall - Projects 2 3/16" from door face**
Application :	**Used to give closer a more finished appearance**
Optional :	**Not included with closer, must be ordered seperately**
Handing :	**Non Handed**
Finishes :	**AL, BZ, painted finishes**
Fasteners :	**Secured by 2 included machine screws**
Warranty :	**Limited Lifetime Warranty**

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116 Extended Arm



Specifications

Base Material :	**Steel**
Size :	**14" total length**
Application :	**Used for frame reveals larger than 4" and up to 8"**
	Direct replacement for standard forearm
Inlcuded Accessories :	**Includes shoe already installed and locknut**
Handing :	**Non Handed**
Finishes :	**AL, BZ painted finishes**
Fasteners :	**Machine, Self Tapping machine screws**
Warranty :	**Limited Lifetime Warranty**

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