

HIAWATHA

STANDARD

IN ARCHITECTURAL HARDWARE



HIAWATHA
INCORPORATED



WELCOME TO THE HIAWATHA STANDARD PRODUCTS COLLECTION

Thank you for choosing Hiawatha for your architectural and door hardware. Choices from Hiawatha are even greater today with our new collection of specialty pulls, expanded door edges and astragals selection, increased warehouse inventory, and our custom manufacturing capabilities.

Since 1954, Hiawatha has been providing consistent customer service with the high-quality materials and finishes that you have come to expect.

Call us for your next project and see for yourself how experience does make a difference!

HIAWATHA CUSTOM PRODUCTS CATALOG

Our Versatile Manufacturing Capabilities allow us to start with a drawing of your idea and turn it into a reality. We would like to discuss your upcoming projects with you.

ACPG HEADQUARTERS & HIAWATHA
800-777-1686 Fax: 952-835-2218
Bloomington MN
www.hiawathainc.com



Hiawatha is part of the Activar Construction Products Group. The Activar Construction Products Group (ACPG) consists of 5 affiliated companies that serve the commercial construction industry. Our multiple product lines are a single source for architects and distributors. Air Louvers manufactures products for the openings market with door lites, louvers and rated glass. Hiawatha is known for its quality architectural door hardware including specialty pulls. JL Industries is an industry leader in life safety and fire protection, providing fire extinguishers, AED's and cabinets, access panels, roof opening products and entrance flooring systems. Samson Products manufactures many of the products sold under the JL and Samson labels and serves as a warehouse on the West Coast. Thomas Enterprises is our Southeast aluminum manufacturing facility and warehouse for Thomas and JL products.

Links to these affiliates can be found at:
WWW.ACTIVARCPG.COM

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METAL FINISHES

STANDARD ARCHITECTURAL FINISHES FOR MOST PRODUCTS

Base Metal	Description	Hiawatha Code	BHMA
Brass	Polished Clear Coated	US3	605
Brass	Satin Clear Coated	US4	606
Brass	Satin Oxidized Relieved	US5	609
Brass	Satin Nickel Plated Clear Coated	US15	619
Brass	Satin Nickel Blackened Relieved Clear Coated	US15A	620
Brass	Polished Chrome Plated	US26	625
Brass	Satin Chrome Plated	US26D	626
Aluminum	Satin	US27	627
Aluminum	Clear Anodized	US28	628
Aluminum	Light Bronze Anodized	311	—
Aluminum	Medium Bronze Anodized	312	—
Aluminum	Dark Bronze Anodized	313	710
Aluminum	Extra Dark Bronze Anodized	314	—
Aluminum	Black Anodized	315	711
Bronze*	Polished Clear Coated	US9	611
Bronze	Satin Clear Coated	US10	612
Bronze	Satin Oxidized Oil Rubbed	US10B	613
Bronze	Satin Dark Statuary	US20A	624
Stainless Steel	Polished	US32	629
Stainless Steel	Satin	US32D	630

Special Finishes (see descriptions below)

Stainless Steel	Satin Antimicrobial Coated	US32DMS	—
Stainless Steel	Polished Type 316 Alloy	U323SS	—
Stainless Steel	Satin Type 316 Alloy	US32DSS	—
Stainless Steel	PVD Polished Brass	LIFETIME SS	—
Brass	PVD Polished Brass	LIFETIME	—

* Solid bronze material, however, brass material may be used when bronze not available.

SPECIAL FINISHES

Antimicrobial Finish US32DMS

Items in this catalog that are available in this finish are indicated by an asterisk *. The MicroShield™ technology silver ion-based antimicrobial agent from Agion® is incorporated into the finish. This inhibits growth of bacteria, algae, yeast, fungi, mold & mildew. For more information: www.agion-tech.com.

High Performance Finishes US323SS AND US32DSS

Many pulls can be constructed of a special Type 316 molybdenum-based steel which provides increased resistance to pitting by chlorides and halides. This corrosion-resistant stainless steel is ideal for use in coastal, urban or industrial areas. These properties are permanent.

Lifetime

This finish is a thin, hard metallic film of extreme durability that looks like polished brass. The finish can be applied to either stainless steel or chrome-plated brass-based material. Lifetime brass finish will not tarnish and is ideal for marine and other exterior applications.

Dual Finish

Dual texture finishes available for some pulls in US3/US4 or US32/US32D.



PLATE & SOLID PULL COMBINATIONS

DESCRIPTION

The most popular Hiawatha pull plate combinations are shown here. Pull plates are packed in sturdy individual boxes with all of the fasteners for thru bolt mounting on 1-3/4" doors. These items are stocked in standard architectural finishes and are available in any finish. Almost any pull may

be combined with a plate to create a unique pull plate combination. Please call customer service for assistance.

MATERIAL

Aluminum, brass, bronze, stainless steel

METAL FINISHES

Available in standard architectural finishes.

Special Metal Finishes

Some models available in US323SS or US32DSS performance finish. See page 1.

Models with asterisk * available in antimicrobial finish. See page 1.



200D x 523



200D x 559



200D x 535-536



200D x 580-581



200D x 5



200D x 5-1/2P

PART NO.	DIAMETER	CTC	PROJECTION	CLEARANCE	PLATE	PLATE SIZE	WEIGHT	ANSI
200D x 523B*	3/4"	5-1/2"	2-1/4"	1-1/2"	200D	3-1/2" x 15"	1.8 lbs	J405
200F x 523B*	3/4"	5-1/2"	2-1/4"	1-1/2"	200F	4" x 16"	2.0 lbs	J405
200D x 523A*	3/4"	8"	2-1/4"	1-1/2"	200D	3-1/2" x 15"	2.1 lbs	J405
200F x 523A*	3/4"	8"	2-1/4"	1-1/2"	200F	4" x 16"	2.3 lbs	J405
200D x 523E*	3/4"	6"	2-1/4"	1-1/2"	200D	3-1/2" x 15"	2.0 lbs	J405
200F x 523E*	3/4"	6"	2-1/4"	1-1/2"	200F	4" x 16"	2.0 lbs	J405
200D x 559A*	3/8" x 1-1/4"	6"	2"	1-5/8"	200D	3-1/2" x 15"	1.8 lbs	J405
200F x 559A*	3/8" x 1-1/4"	6"	2"	1-5/8"	200F	4" x 16"	2.0 lbs	J405
200D x 559*	3/8" x 1-1/4"	8"	2"	1-5/8"	200D	3-1/2" x 15"	2.1 lbs	J405
200F x 559*	3/8" x 1-1/4"	8"	2"	1-5/8"	200F	4" x 16"	2.3 lbs	J405
200D x 535B*	1"	8"	3"	2"	200D	3-1/2" x 15"	3.8 lbs	J405
200F x 535B*	1"	8"	3"	2"	200F	4" x 16"	3.9 lbs	J405
200D x 536B*	1"	10"	3"	2"	200D	3-1/2" x 15"	4.3 lbs	J405
200F x 536B*	1"	10"	3"	2"	200F	4" x 16"	4.4 lbs	J405
200D x 580	1" HALF ROUND	6"	2"	1-1/2"	200D	3-1/2" x 15"	2.0 lbs	J405
200F x 580	1" HALF ROUND	6"	2"	1-1/2"	200D	4" x 16"	2.2 lbs	J405
200D x 581	1" HALF ROUND	8"	2"	1-1/2"	200D	3-1/2" x 15"	2.2 lbs	J405
200F x 581	1" HALF ROUND	6"	2"	1-1/2"	200D	4" x 16"	2.4 lbs	J405
200D x 5*	CAST	5-1/2"	2"	1-1/2"	200D	3-1/2" x 15"	1.9 lbs	J405
200F x 5*	CAST	5-1/2"	2"	1-1/2"	200F	4" x 16"	2.0 lbs	J405
200D x 5-1/2P*	CAST	5-1/2"	1-7/8"	1-3/8"	200D	3-1/2" x 15"	1.5 lbs	J405
200F x 5-1/2P*	CAST	5-1/2"	1-7/8"	1-3/8"	200F	4" x 16"	1.5 lbs	J405



PUSH PLATES

DESCRIPTION

Hiawatha push plates are available in all architectural metal finishes. Hiawatha push plates are also available in Kydex®, plastic laminate or clear acrylic.

The most popular models are shown here, however, other sizes are available upon request. Push plates are supplied with phillips oval head sheet metal screws to match push plate finish. All push plates come standard with beveled edges.

MATERIAL

200/300 Series

Aluminum, brass, bronze, stainless steel.

600 Series

.125 thick plastic ANSI - J304

.125 or .080 thick Kydex® ANSI - J304

FINISHES & COLORS

Available in standard architectural finishes

Special Metal Finishes

.05 thick push plates are available in US323SS or US32DSS performance finish. See page 1.

Models with asterisk * available in antimicrobial finish. See page 1.

Plastic & Kydex®

- .125 Plastic laminate black, brown, gray
- .125 Clear Acrylic
- .080 or .125 K Kydex® - 33 colors (see color chart online)

OPTIONS

Metal Thickness

Optional thicknesses of .62 or .125 are available for several models on this page.

Adhesive Mounting

The push plate will have a 1/16" double face tape instead of screw holes.

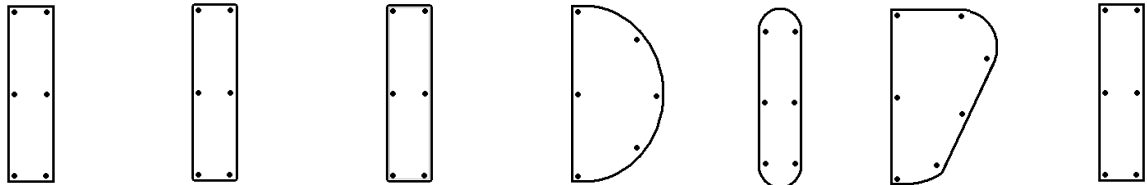
Engraving

On metal push plates 4" wide or wider, we can engrave "PUSH", "PULL", "MEN", or "WOMEN". Please indicate required copy and location when ordering.

Cylinder and Turn Knob

Cut Outs

Specify the push plate number x cc for cylinder hole. Specify hole diameter and location.



MODELS	200*		210*		220*		230*		240*		280*		300	
SIZE	.050" (16 ga) Beveled Edges		.050" (16 ga) Beveled Edges		.050" (16 ga) 7/32" Formed Edge		.050" (16 ga) Beveled Edges		.050" (16 ga) Beveled Edges		.050" (16 ga) Beveled Edges		.125" (10 ga) Beveled Edges	
3" x 12"	200A	.7 lb	210A	.7 lb					240A	.7 lb			300A	1.7 lbs
3" x 15"	200B	1 lb												
3-1/2" x 14"	200C	.9 lb												
3-1/2" x 15"	200D	.9 lb	210D	.9 lb	220D	.9 lb			240D	.9 lb			300D	2.1 lbs
3-1/2" x 16"	200E	1 lb												
4" x 16"	200F	1 lb	210F	1 lb	220F	1 lb			240F	1 lb			300F	2.5 lbs
4" x 20"	200G	1.3 lb	210G	1.3 lb									300G	3.2 lbs
6" x 16"	200H	1.5 lbs	210H	1.5 lbs									300H	3.8 lbs
7-1/2" x 15"	200J	2 lbs					230J	1.6 lbs						
8" x 16"	200K	2 lbs	200K	2lbs			230K	1.8 lbs					300K	5 lbs
6" x 12"							230L	1.4 lbs						
10" x 20"											280M	2.1 lb		
ANSI	J301		J301		J302		J301		J301		J301		J304	

* Available in US32DMS Antimicrobial Finish See page 1 for details.

Engraved Plates & Signage - .050"

		Finishes
200L-CP	CUSTOM PLATE: 2" H x Width required. 1" H letters. Specify copy: price per letter, minimum of 3 letters. Mounting holes.	US28, US 3, US10, US10B, US26D
200L-M	MEN: 2" X 5", 1" H Letters. Mounting holes.	US28, US 3, US10, US10B, US26D
200L-W	WOMEN: 2" x 7", 1" H Letters. Mounting holes.	US28, US 3, US10, US10B, US26D
200L-PH	PUSH: Vertical, 1" x 4-1/2", Adh Mount	US28
200L-PL	PULL: Vertical, 1" x 4-1/2", Adh Mount	US28



SOLID DOOR PULLS

DESCRIPTION

Hiawatha brings you a variety of solid pull styles that are available in most architectural finishes. From the shapely cast model 5, to the elegantly tapered 592 and 593, we have something for every type of decor.

MATERIAL

Aluminum, brass, bronze, stainless steel.

MOUNTING OPTIONS

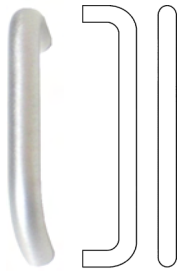
Mounting options include thru bolts with finish washer, thru bolts with finish buttons, surface concealed, back to back on glass, aluminum, hollow metal and wood doors. Please see page 12 for mounting options.

METAL FINISHES

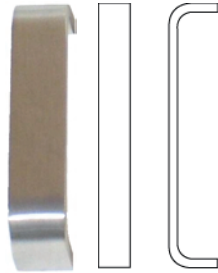
Available in most standard architectural finishes.

Special Metal Finishes

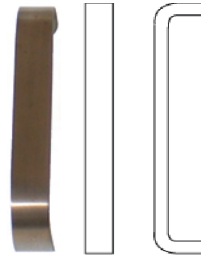
Most models available in US323SS or US32DSS performance finish. See page 1. Models with asterisk * available in antimicrobial finish. See page 1.



523



559A



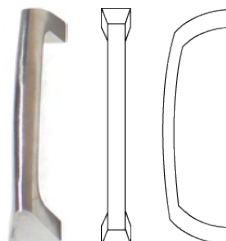
580/581



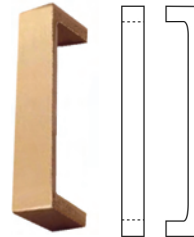
1458A



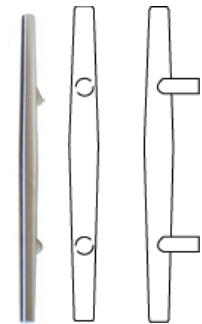
5-1/2 P



5



564G/565G



592

PART NO.	DIAMETER	CTC	OVERALL	PROJECTION	CLEARANCE	BASE	WEIGHT	ANSI
523B*	3/4"	5-1/2"	6-1/4"	2-1/4"	1-1/2"	3/4"	1.1 lbs	J401
523E*	3/4"	6"	6-3/4"	2-1/4"	1-1/2"	3/4"	1.2 lbs	J401
523A*	3/4"	8"	8-3/4"	2-1/4"	1-1/2"	3/4"	1.4 lbs	J401
523C*	3/4"	10"	10-3/4"	2-1/4"	1-1/2"	3/4"	1.6 lbs	J401
559A	3/8" x 1-1/4"	6"	6-3/8"	2"	1-5/8"	3/8" x 1-1/4"	1.1 lbs	J401
559	3/8" x 1-1/4"	8"	8-3/8"	2"	1-5/8"	3/8" x 1-1/4"	1.4 lbs	J401
580	1" HALF ROUND	6"	6-1/2"	2"	1-1/2"	—	1.1 lbs	J401
581	1" HALF ROUND	8"	8-1/2"	2"	1-1/2"	—	1.3 lbs	J401
5-1/2P*	CAST	5-1/2"	6-3/8"	1-7/8"	1-3/8"	7/8"	.8 lbs	J401
5*	CAST	5-1/2"	6-1/8"	2"	1-1/2"	5/8" x 1-1/4"	.9 lbs	J401
592*	1" DIA. TAPERED	8"	16"	2-1/2"	1-3/4"	3/4"	3.5 lbs	J401
593*	1-1/4" DIA. TAPERED	12"	28"	2-3/4"	1-1/2"	3/4"	9.4 lbs	J401
564G	1" MODIFIED	7"	8"	2"	1-3/8"	5/8" x 1" MOD	1.6 lbs	J401
565G	1" MODIFIED	12"	13"	2"	1-3/8"	5/8" x 1" MOD	1.8 lbs	J401
1458A	CAST	5-15/16"	9-1/4"	3-3/4"	1-5/8"	1-1/2" x 1-1/2"	.9 lbs	J401

*Available in Antibacterial Finish



SOLID 1" DIAMETER PULLS

DESCRIPTION

For years of durable service, select from our line of solid 1" pulls.

MATERIAL

Aluminum, brass, bronze, stainless steel

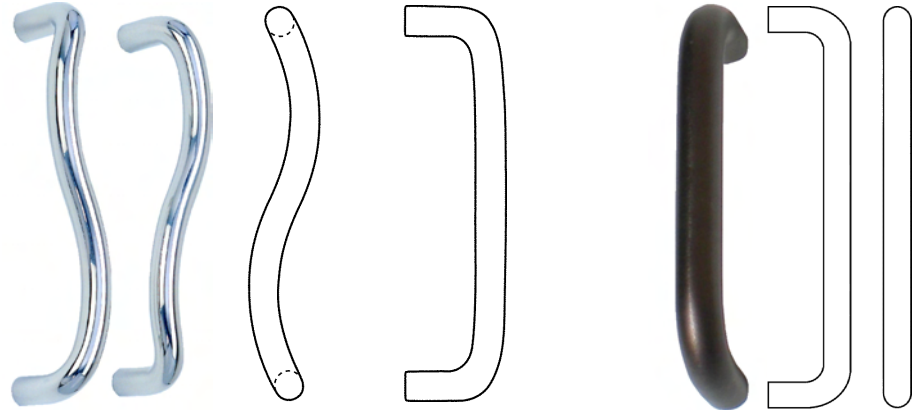
METAL FINISHES

Available in standard architectural finishes.

Special Metal Finishes

Most models available in US323SS or US32DSS performance finish. See page 1.

Models with asterisk * available in anti-microbial finish. See page 1. 1" pulls and pushbars.



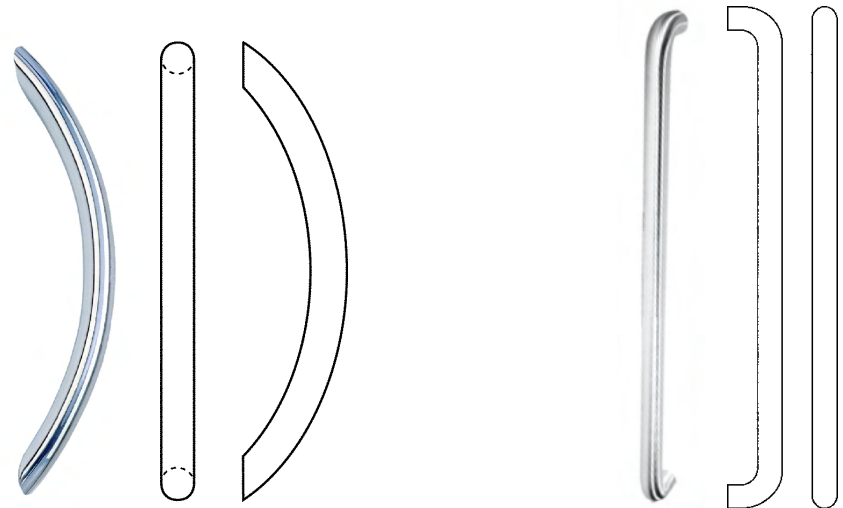
2312

535, 509, 536, 537

MOUNTING OPTIONS

Mounting options include thru bolts with finish washer, thru bolts with finish buttons, surface concealed, back to back on glass, aluminum, hollow metal and wood doors. Please see page 12 for mounting options.

Base plates available to be mounted with any 1" pull. 2" diameter is standard. Other sizes are available upon request.



2512

515/518

PART NO.	DIAMETER	CTC	OVERALL	PROJECTION	CLEARANCE	WEIGHT	ANSI 15.6
2312LH	1"	12"	13"	3"	2"	3.8 lbs	—
2312RH	1"	12"	13"	3"	2"	3.8 lbs	—
2512	1"	12"	14-11/32"	3"	2"	3.8 lbs	—
535B*	1"	8"	9"	3"	2"	2.6 lbs	J401
509B*	1"	9"	10"	3"	2"	2.9 lbs	J401
536B*	1"	10"	11"	3"	2"	3.1 lbs	J401
537B*	1"	12"	13"	3"	2"	3.5 lbs	J401
515B	1"	15"	16"	3"	2"	4.1 lbs	J401
518B*	1"	18"	19"	3"	2"	4.8 lbs	J401



SOLID 1" DIAMETER OFFSET PULLS

DESCRIPTION

These solid metal offset pulls are fabricated from bar stock with the finish of your choice.

MATERIAL

Aluminum, brass, bronze, stainless steel

METAL FINISHES

Available in standard architectural finishes.

Special Metal Finish

Most models available in US323SS or US32DSS performance finish. See page 1.

Models with asterisk * available in antimicrobial finish. See page 1.

MOUNTING OPTIONS

Mounting options include thru bolts with finish washer, thru bolts with finish but-

tons, surface concealed, back to back on glass, aluminum, hollow metal and wood doors. Please see page 12 for mounting options.

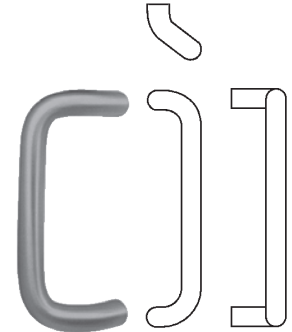
Base plates are available to be mounted with any pull. 2" diameter is standard. Other sizes are available upon request.



2612



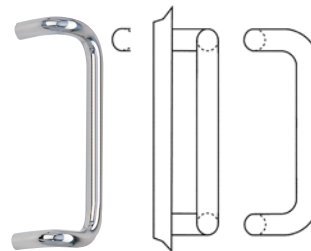
750/751



708/709/710/712/718



2112/2220



668/658/609/658A/658B/615/618

PART NO.	DIAMETER	CTC	OVERALL	PROJECTION	CLEARANCE	OFFSET	WT.	ANSI 156.6
668*	3/4"	8"	8 3/4"	2 1/2"	1 3/4"	3"	1.9 lbs	J402
658*	1"	8"	9"	3 1/2"	2 1/2"	4"	3.4 lbs	J402
609*	1"	9"	10"	3 1/2"	2 1/2"	4"	3.8 lbs	J402
658A*	1"	10"	11"	3 1/2"	2 1/2"	4"	3.9 lbs	J402
658B*	1"	12"	13"	3 1/2"	2 1/2"	4"	4.3 lbs	J402
615	1"	15"	16"	3 1/2"	2 1/2"	4"	5.0 lbs	J402
618*	1"	18"	19"	3 1/2"	2 1/2"	4"	5.7 lbs	J402
708*	1"	8"	9"	2 3/4"	3 1/2"	2 3/4" 45°	2.8 lbs	—
709*	1"	9"	10"	2 3/4"	3 1/2"	2 3/4" 45°	3 lbs	—
710*	1"	10"	11"	2 3/4"	3 1/2"	2 3/4" 45°	3.2 lbs	—
712*	1"	12"	13"	2 3/4"	3 1/2"	2 3/4" 45°	3.6 lbs	—
718*	1"	18"	19"	2 3/4"	3 1/2"	2 3/4" 45°	5 lbs	—
750	1"	9"	10"	2 3/4"	—	7 1/2"	5 lbs	—
751	1"	12"	13"	2 3/4"	—	7 1/2"	4.4 lbs	—
2112	1"	12"	13"	2 3/4"	—	—	3.8 lbs	—
2220	1"	20"	21"	3"	—	—	5.2 lbs	—
2612	1"	12"	15 5/32"	3 1/2"	—	—	3.8 lbs	—

*Available in Antimicrobial Finish



TUBULAR PULLS

DESCRIPTION

For a solid look with 25% of the weight and resource use, tubular pulls give you a good value. Pulls are fabricated from 1-1/4" tubular stock with solid brass or stainless

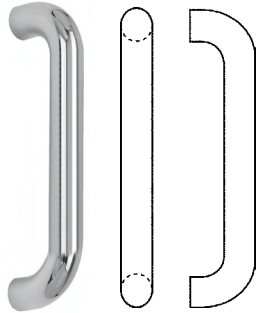
inserts to provide a solid mounting area. For a unique look, design your own custom shape.

MATERIAL

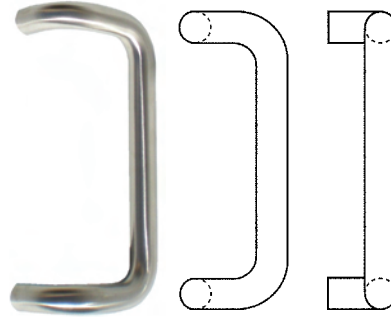
Aluminum, brass, bronze, stainless steel

METAL FINISHES

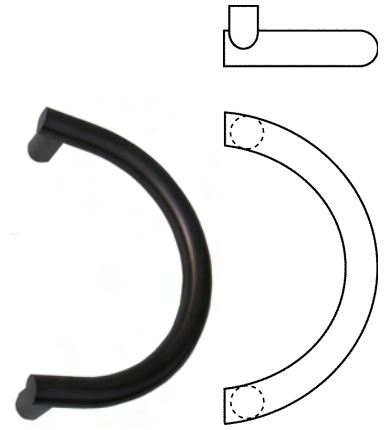
Available in most standard architectural finishes.



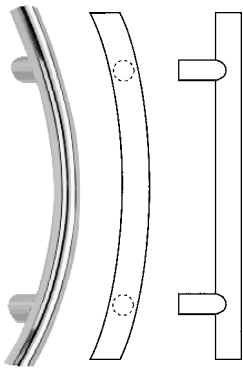
HG111/112/113/114



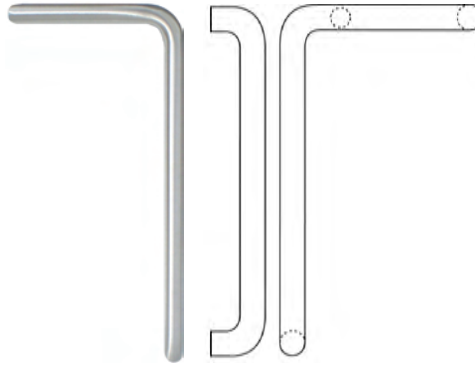
HG121/122/123



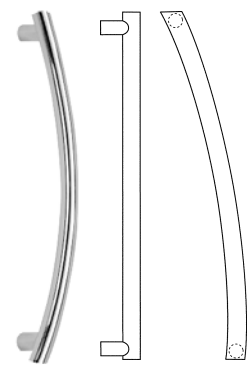
HG151



HG161



HG141/142/143



HG170

PART NO.	PULL MATERIAL	CTC	OVERALL	PROJECTION	CLEARANCE	OFFSET	WEIGHT	ANSI 156.6
HG111	1-1/4"	12"	13-1/4"	3"	2"	—	1.4 lbs	J401
HG112	1-1/4"	18"	19-1/4"	3"	2"	—	2.0 lbs	J401
HG113	1-1/4"	27-3/4"	29" Push Bar	2-1/2"	1-1/2"	—	2.8 lbs	J401
HG114	1-1/4"	33"	34-1/4" Push Bar	2-1/2"	1-1/2"	—	3.2 lbs	J401
HG121	1-1/4"	12"	13-1/4"	3-1/2"	1-1/2"	4-3/4"	1.6 lbs	J402
HG122	1-1/4"	18"	19-1/4"	3-1/2"	1-1/2"	4-3/4"	1.8 lbs	J402
HG123	1-1/4"	24"	25-1/4"	3-1/2"	1-1/2"	4-3/4"	2.3 lbs	—
HG141	1-1/4"	18" x 9-1/2"	19-1/4" x 10-3/4"	3"	1-1/2"	9"	2.0 lbs	—
HG142	1-1/4"	24" x 9-1/2"	25-1/4" x 10-3/4"	3"	1-1/2"	9"	2.3 lbs	—
HG143	1-1/4"	30" x 9-1/2"	31-1/4" x 10-3/4"	3"	1-1/2"	9"	2.6 lbs	—
HG151	1-1/4"	12"	13-1/4"	3"	1-1/2"	9-1/8"	1.8 lbs	—
HG161	1-1/4"	12"	17"	3"	1-1/2"	—	2.0 lbs	—
HG170	1-1/4"	SPECIFY	SPECIFY	3"	1-1/2"	—	2.0 lbs	—



PUSH & PULL BARS AND SETS

DESCRIPTION

These institutional style push bars are made to order for your door size. Push bars are normally surface mounted and pull bars are normally thru bolt mounted. Sets are thru bolted through the push bar and door and then into the pull bar.

Other combinations available - contact customer service.

MATERIAL

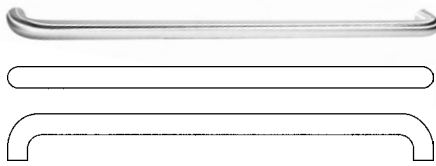
Aluminum, brass, bronze, stainless steel

METAL FINISHES

Available in standard architectural finishes.

Special Metal Finish

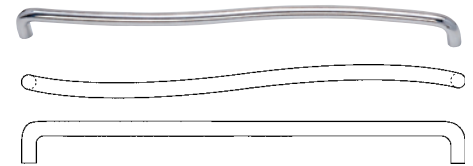
Most models available in US323SS or US32DSS performance finish. See page 1. Models with asterisk * available in antimicrobial finish. See page 1.



1081LBP



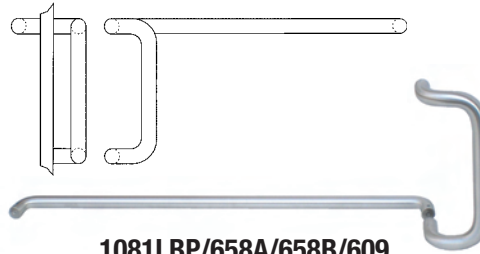
1600



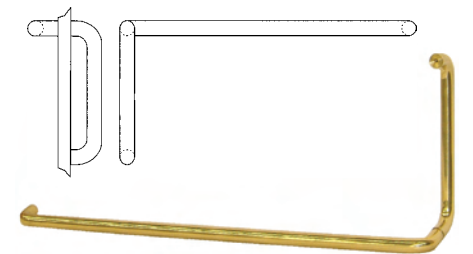
1700



10810P



1081LBP/658A/658B/609



1081LBP/535B/536B/537B

PUSH BARS						
PART NO.	DIAMETER	CTC	PROJECTION	CLEARANCE	WT.	ANSI
1081LBP*	1"	To Order	2-1/2"	1-1/2"	8.5 lbs	J501
10810P*	1"	To Order	2-1/2"	1-1/2"	8.5 lbs	J501
1600LH or 1601RH	1"	To Order	2-1/2"	1-1/2"	8.5 lbs	—
1700LH or 1701RH	1"	To Order	2-1/2"	1-1/2"	8.5 lbs	—
PUSH & PULL SETS						
1081LBP33 x 1081LBP33*	1"	33"	3", 2-1/2"	1-1/2"	17 lbs	J504
535B x 1081LBP*	1"	8"	3", 2-1/2"	2" & 1-1/2"	11.1 lbs	J504
536B x 1081LBP*	1"	10"	3", 2-1/2"	2" & 1-1/2"	11.6 lbs	J504
537B x 1081LBP*	1"	12"	3", 2-1/2"	2" & 1-1/2"	12 lbs	J504
658 x 1081LBP*	1"	8"	3 1/2", 2-1/2"	2-1/2" & 1-1/2"	11.9 lbs	J504
609 x 1081LBP*	1"	9"	3 1/2", 2-1/2"	2-1/2" & 1-1/2"	12.3 lbs	J504
658A x 1081LBP*	1"	10"	3 1/2", 2-1/2"	2-1/2" & 1-1/2"	12.4 lbs	J504
658B x 1081LBP*	1"	12"	3 1/2", 2-1/2"	2-1/2" & 1-1/2"	12.8 lbs	J504
SHOWER DOOR/TOWEL BARS						
7518	3/4"	18"	2-1/2"	1-1/2"	4.5lbs	—
7520	3/4"	20"	2-1/2"	1-1/2"	5 lbs	—
7524	3/4"	24"	2-1/2"	1-1/2"	5.5 lbs	—

*Available in Antimicrobial Finish



PUSH & PULL BAR SETS - 3/8" FLAT BAR STOCK

DESCRIPTION

Select a streamlined look with these 3/8" x 1-1/2" push & pull bars. Specify the length and finish needed - each bar made to your order. Push bars are normally surface-mounted and pull bars are normally thru bolt-mounted. Sets are thru-bolted.

MATERIAL

Aluminum, brass, bronze, stainless steel

METAL FINISHES

Available in most standard architectural finishes except US32. Engraving on pulls available as an option.



1002



1052



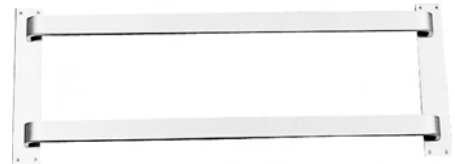
1072



1042



1062



1072D



1075A



1032



1072A

PART NO	DESCRIPTION	PROJECTION	CLEARANCE	BASE	WT.	ANSI 156.6
1002	Single Push Bar: 2 Brackets	1-1/4"	5/8"	1-1/2" x 2-7/8"	6.9	J501
1032	Single Push Bar: Low Profile	3/4"	3/8"	1-1/2" x 1-1/2"	5.8	J501
1042	Single Push Bar: Angled Bend	2"	1-5/8"	3/8" x 1-1/2"	6.2	J501
1052	Single Push Bar: Double Bend	1-7/8"	1-1/2"	3/8" x 1-1/2"	6.1	J501
1062	Single Push Bar: Double Bend w Plate	1-7/8"	1-1/2"	3/8" x 1-1/2"	6.2	J501
1072	Single Push Bar: Single Bend w Plate	2"	1-5/8"	1-12" x 2" x 1/8"	6.3	J501
1072A	Single Push Bar: Single Bend	2"	1-5/8"	1" x 3" x 1/8"	6.2	J501
1072D	Double Push Bar: 2 Bars with Plates	1-5/8"	1-1/4"	2" x 12" x 1/8"	10.9	J501
1075A	Single Push Bar: Angled Bend w Plate	2"	1-5/8"	1" x 3" x 1/8"	6.2	J501

All Sets Above Available as Back to Back Sets. Other Combinations Available upon Request



FLUSH AND BARRIER-FREE PULLS

FLUSH PULLS & BARRIER-FREE PULLS

Hiawatha can provide an array of flush door pulls to meet a variety of circumstances. Several models of flush pulls now available in US32DMS antimicrobial coating which is the ideal finish for schools, medical facilities and public restrooms. Please specify fastener required when ordering.

MATERIAL

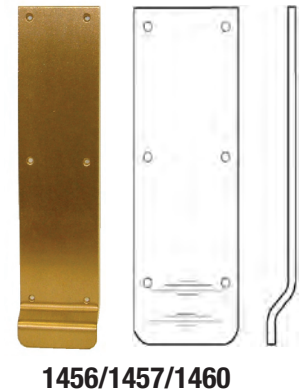
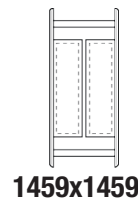
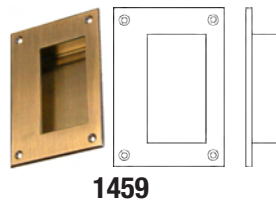
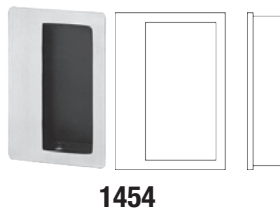
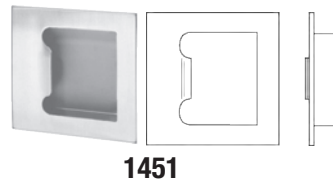
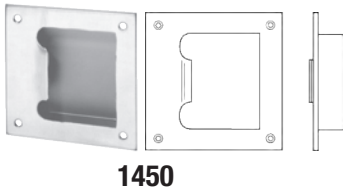
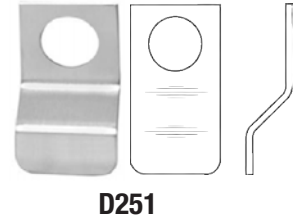
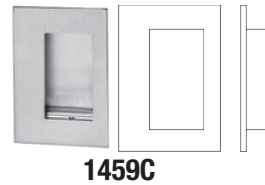
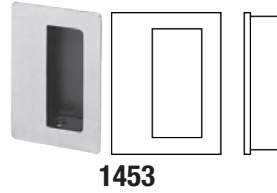
Aluminum, brass, bronze, stainless steel.

METAL FINISHES

Available in standard architectural finishes.

Special Metal Finish

Most models available in US323SS or US32DSS performance finish. See page 1. Models with asterisk * available in antimicrobial finish. See page 1.



PART NO.	DESCRIPTION	SIZE	Grip Opening	Depth	WT.	ANSI
D251*	Cylinder Pull - .125" aluminum, brass, bronze or stainless steel	2" x 3-3/4"	—	1" Proj.	0.3 lbs	J303
1456*	Combination Push Pull Plate - .125 Aluminum, brass, bronze or stainless steel	3-1/4" x 15-3/4"	—	1" Proj.	1.9 lbs	J304
1457*	Combination Push Pull Plate - .125 Aluminum, brass, bronze or stainless steel	4" x 15-3/4"	—	1" Proj.	2.2 lbs	J305
1460*	Combination Push Pull Plate - .125 Aluminum, brass, bronze or stainless steel	8 x 15-3/4"	—	1" Proj.	4.4 lbs	J306
1459*	Flush Pull - .125 Aluminum, brass, bronze or stainless steel	3-1/2" x 5"	1-3/4" X 3-1/8"	7/8"	0.6 lbs	J403
1459X1459*	Flush Pull - Back to Back Pair - .125 Aluminum, brass, bronze or stainless steel	3-1/2" x 5"	1-3/4" X 3-1/9"	7/8"	2.2 lbs	J403
1459C*	Flush Pull, Concealed Screws - .125 aluminum, brass, bronze or stainless steel	3-1/2" x 5"	1-3/4" X 3-1/10"	7/8"	0.6 lbs	J403
1453	Flush Pull, Fastners Concealed in Cup- Cast Brass	2-3/16" x 3-1/4"	7/8" x 2-7/16"	3/4"	0.6 lbs	J403
1454	Flush Pull, Fastners Concealed in Cup- Cast Brass	2-11/16" x 4-3/16"	1-7/16" x 3-1/3"	3/4"	0.8 lbs	J404
1450*	Barrier Free Flush Pull - .125" Brass, bronze, stainless steel	5" x 5"	2-1/2" x 3-1/2"	7/8"	1 lbs	J403
1451*	Barrier Free Flush Pull Concealed Screws - .125" Brass, bronze, stainless steel	5" x 5"	2-1/2" x 3-1/2"	7/8"	2 lbs	J404

* Available in US32DMS antimicrobial coating



FULL HEIGHT PULLS

DESCRIPTION

Beautiful full-length pulls provide strength and enhance the aesthetics of upscale entrances. Available in 1", 1-1/4" and 1-1/2" diameter in lengths to 96". Specify radius bends or standoffs. Intermediate standoffs also available for extra strength in high traffic areas. Offset full height pulls are also available.

MATERIAL

Aluminum, brass, bronze, stainless steel. Aluminum pulls are solid.

METAL FINISHES

Available in standard architectural finishes.

Special Metal Finish

Most models available in US323SS or US32DSS performance finish. See page 1. Models with asterisk * available in antimicrobial finish. See page 1.

RECOMMENDATION

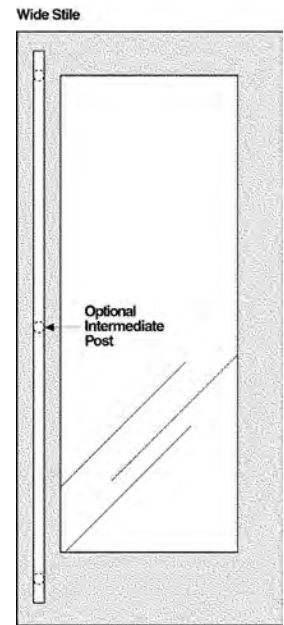
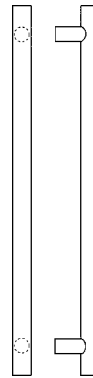
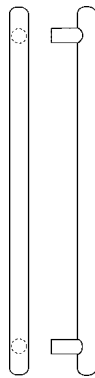
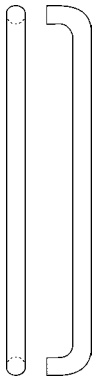
We strongly recommend an intermediate third mounting point on door pulls longer than 80" to prevent deflection during use. (Note drawings) Please specify straight

intermediate post used on medium, wide style, and flush doors or offset intermediate post used on narrow style aluminum doors.

SPECIFICATION

For a typical specification, include Hiawatha's full height door pull number, pull diameter, mounting type, door size and thickness, and door finish.

These door pulls are made to order. A detailed drawing for your approval will be provided prior to fabrication.



STRAIGHT PULLS - BENT ENDS			STRAIGHT PULLS - ROUND ENDS			STRAIGHT PULLS - SQUARE ENDS		
PULL NO.	DIA.	PROJECTION	PULL NO.	DIA.	PROJECTION	PULL NO.	DIA.	PROJECTION
1010*	1"	2-3/4"	1110*	1"	3"	1210*	1"	3"
1020*	1-1/4"	2-3/4"	1120*	1-1/4"	3"	1220*	1-1/4"	3"
1030*	1-1/2"	3"	1130*	1-1/2"	3-1/2"	1230*	1-1/2"	3-1/2"



1010/ 1020/ 1030



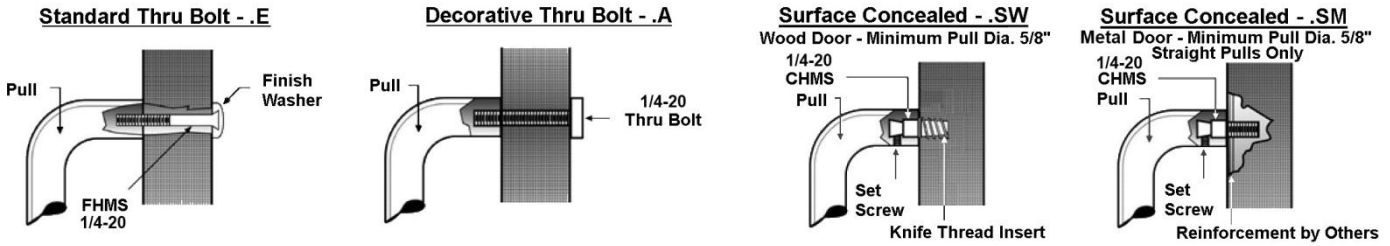
1110/1120/1130



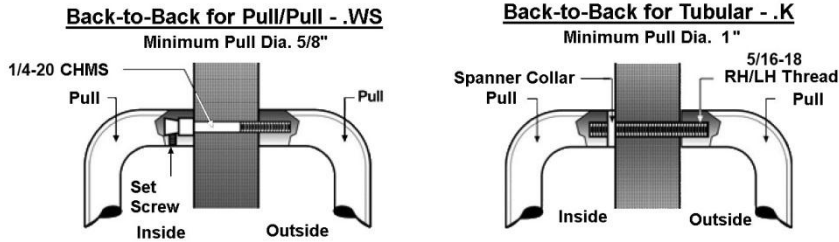
1210/1220/1230



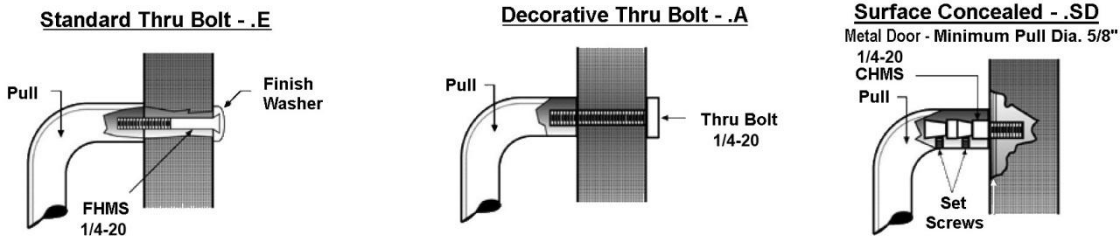
STRAIGHT PULLS & PUSH BARS FOR WOOD OR METAL 1-3/4" DOORS



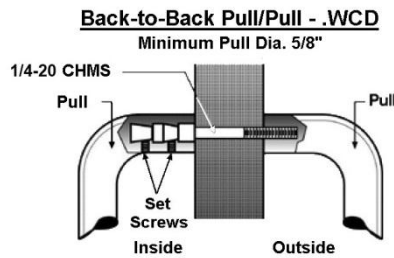
STRAIGHT PULLS & PUSH BARS FOR WOOD OR METAL 1-3/4" DOORS



OFFSET PULLS & PUSH BARS FOR WOOD OR METAL 1-3/4" DOORS



OFFSET PULLS FOR WOOD OR METAL 1-3/4" DOORS



Hole Sizes	
Bolt Size	Wood/Metal
1/4-20	9/32"
5/16-18	11/32"
3/8-16	13/32"
1/4-20 SW	23/64-9/16 dp
5/16 SW	7/16-9/16 dp
1/4-20 SM	1/4-20 Tap
5/16 SM	5/16-18 Tap

PUSH/PULL SETS WITH FREE ENDS

<p>Push/Pull Sets with 2 Free Ends-.WD Solid Pulls, Wood or Metal 1-3/4" Doors</p> <p>Includes (1) Back-to-Back Plus (2) Thru Bolts for Free Ends</p>	<p>Push/Pull Sets with 2 Free Ends-.WDA Solid Pulls, Wood or Metal 1-3/4" Doors</p> <p>Includes (1) Back-to-Back Plus (2) Decorative Thru Bolts for Free Ends</p>	<p>Push/Pull Sets with 2 Free Ends-.WDS Solid Pulls, Wood 1-3/4" Doors</p> <p>Includes (1) Back-to-Back Plus (2) Surface Concealed for Free Ends</p>
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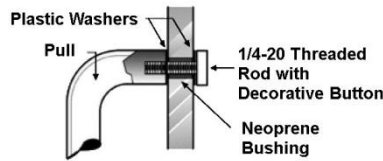
Heavy-Duty Installations: 5/16-18 Hexhead Bolt - use "H" Suffix (AH), 3/8-16 Bolt - use "X" Suffix (AX).
Some Models in HG Series and All Full Height Pulls May Require Heavy-Duty Option.



MOUNTING OPTIONS FOR GLASS DOORS

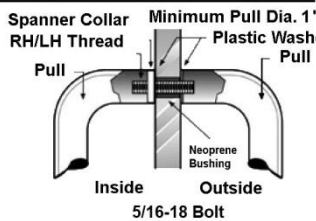
STRAIGHT OR OFFSET PULLS FOR 1/2" GLASS DOORS

Decorative Thru-Bolt - .A5

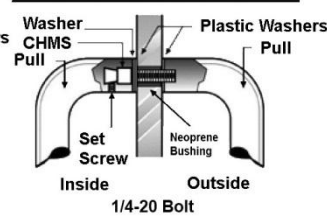


STRAIGHT PULLS FOR 1/2" GLASS DOORS

Back-to-Back for Tubular - WSK

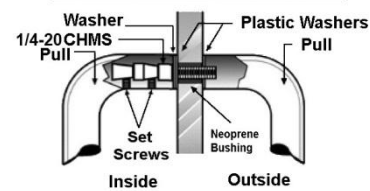


Back-to-Back Pull/Pull - .GS5



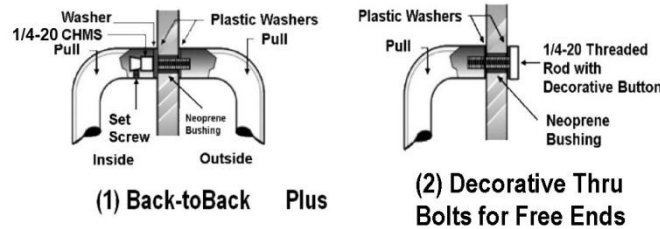
OFFSET PULLS FOR 1/2" GLASS DOORS

Back-to-Back Pull/Pull - .WS5



PUSH/PULL SETS

Push/Pull Sets with 2 Free Ends - .GD5 Solid Pulls, 1/2" Glass Doors



Hole Sizes	
Bolt Size	Glass
1/4-20	5/8"
5/16-18	5/8"
3/8-16	5/8"

Heavy-Duty Installations: 5/16-18 Hexhead Bolt - use "H" Suffix (AH), 3/8-16 Bolt - use "X" Suffix (AX).
Some Models in HG Series and All Full Height Pulls May Require Heavy-Duty Option.



KICK PLATES, ARMOR PLATES, MOP PLATES

METAL PLATES

Hiawatha can provide a variety of kick plates to meet your needs. All plates can be sized to your custom specifications. Square edges and mounting holes are standard on all metal plates. Beveling, UL stamp and countersinking are available at an additional charge.

For larger plate requirements, contact customer service

MATERIAL

Aluminum, brass, bronze, stainless steel

- Metal Kick Plate J102
- Metal Armor Plate J101
- Metal Mop Plate J103



Kickplate Production in Minnesota Facility.

Select Finish	US Code	BHMA	Gauge	Thickness	Max Height	Max Width
Aluminum Clear Anodized	US28	628	18	.050	48"	48"
Antique Brass	US5	609	18	.050	48"	48"
Polished Brass	US3	605	18	.050	40"	48"
Satin Brass	US4	606	18	.050	48"	48"
Polished Bronze	US9	611	18	.050	48"	48"
Oil-Rubbed Bronze	US10B	613	18	.050	48"	48"
Satin Bronze	US10	612	18	.050	48"	48"
Polished Chrome	US26	625	18	.050	24"	48"
Satin Chrome	US26D	626	18	.050	24"	48"
Satin Stainless Steel	US32D	630	18	.050	48"	48"
Polished Stainless Steel	US32	629	18	.050	48"	48"
Alum. Bright. Brass Look		666	19	.040	48"	48"

PLASTIC LAMINATE CLEAR ACRYLIC PLATES

Hiawatha can provide .125 plastic or acrylic kick plates custom sized to meet all of your plate

needs. Beveling is optional on these plates. Available in Black, Brown, Grey and Clear.



KYDEX® PLATES

Kydex is an extremely durable, fire-retardant, acrylic/PVC alloy. The Kydex sheet is widely used in areas subject to high traffic and abuse where the exceptional impact, gouge and scratch-resistance of a Kydex surface minimizes damage and related maintenance costs. Kydex features excellent cleanability and chemical resistance

which provide maximum protection from stains and graffiti. Kydex is available in 4 standard colors, 29 optional. Beveling & cutouts are optional on these plates.

- ANSI 156.6 STANDARDS
 *Kydex® Kick Plate J106
 *Kydex® Armor Plate J105
 *Kydex® Mop Plate J107



Kydex® Available in 33 colors

FINISH	THICKNESS	MIN. HEIGHT	MAX HEIGHT	MIN. WIDTH	MAX. WIDTH
KYDEX	.080 (Other thicknesses available)	4"	48"	22"	96"



TRIM PROTECTORS, SURFACE BOLTS & DOOR VIEWERS

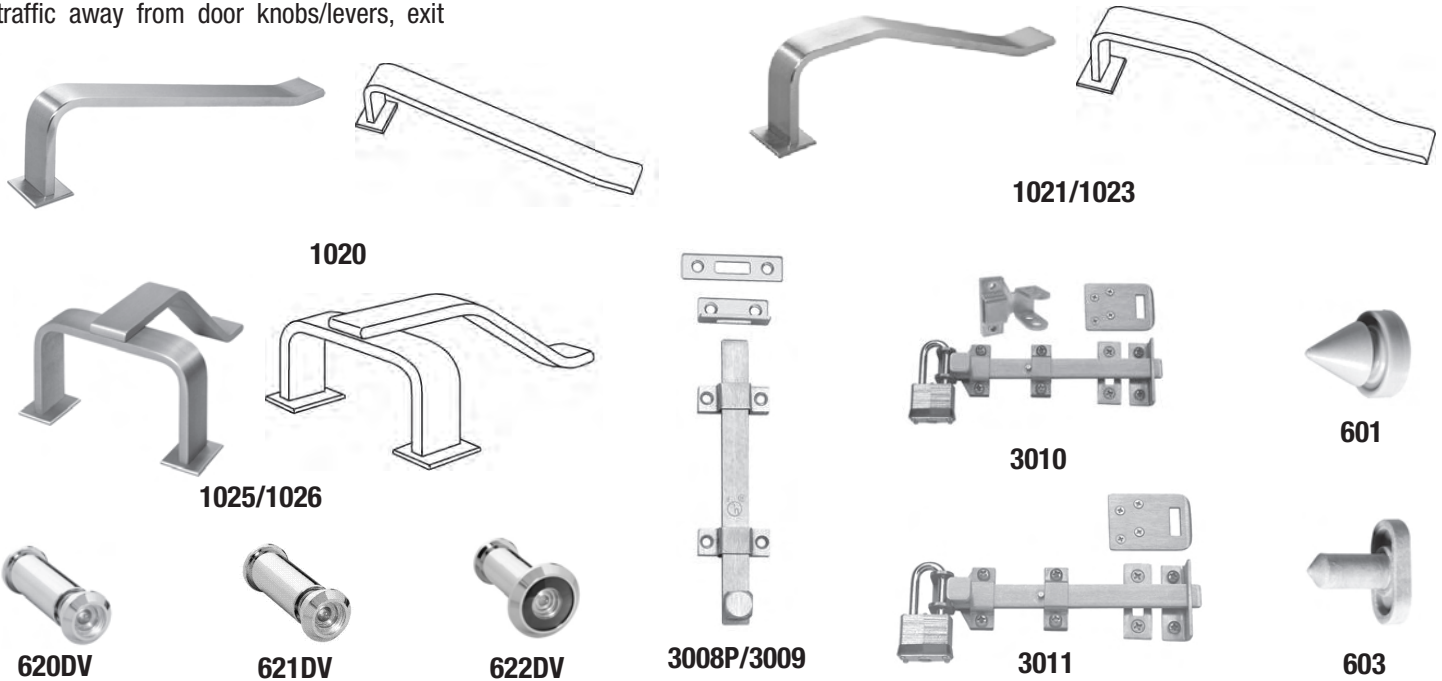
TRIM PROTECTORS & EXIT DEVICE PROTECTORS

Hiawatha provides a variety of trim protector bars to deflect carts, gurneys and other traffic away from door knobs/levers, exit

devices and other trim. These protection bars are mounted over, under, or directly in front of trim depending on application.

METAL FINISHES

Trim protectors are available in US3,US10, US10B and US32D.



PART NO.	DESCRIPTION	SIZE	PROJ.	WT.	ANSI 156.6
TP1020	Trim Protector	3/8"x1-1/2"x 3-1/4"	12" CTC	2.6 lbs	J403
TP1021	Lever Handle Protector	3/8"x1-1/2"x 3-1/4"	12" CTC	2.6 lbs	J303
TP1023	Long Lever Protector	3/8"x1-1/2"x 3-1/4"	14" CTC	3 lbs	J403
TP1025	Exit Device Protector	3/8" x 1-1/2" x 3-1/4"	8 1/2" CTC	3.5 lbs	J403
TP1026	Exit Device Protector	3/8" x 1-1/2" x 4-1/2"	8 1/2" CTC	3.7 lbs	J403

DOOR VIEWERS		DOOR SILENCERS	
620DV	160 degree Viewer 1/2" for 1-3/8-2" Door Antique Bronze, Brass, Chrome, Satin Nickel	601	Metal Door: Grey Rubber (pks of 100) 1/2" x 5/8"
621DV	160 degree Viewer 2-2-5/8" Door Antique Bronze, Brass, Chrome, Satin Nickel	602	Clear Adhesive: (pks of 300) 3/8" x 1/8"
622DV	190 degree Viewer 9/16" for 1-3/8-2" Door Ant Bronze, Brass, Chrome, Dull Chrome, Satin Nickel	603	Wood Door: Grey Rubber (Pks of 100) 3/8" x 3/4"

SURFACE BOLTS				
		FINISHES	WT.	ANSI A156.16
3008P	Surface Bolt: 8" UL Listed	US3,10,10B,26D,32D	1.1 lbs	L04161
3009	Surface Bolt: 12" UL Listed	US10,10B,26D	1.4 lbs	L04161
3010	Surface Door Bolt for Padlock: 8"	US32D	1.2 lbs	L04161
3011	Surface Door Bolt for Padlock: 12"	US32D	1.4 lbs	L04161

Finishes Available for Roller Latches: US3, US10, US10B, US26D, US26

Torx Security Screws Available at Extra Cost



DOOR EDGES

DESCRIPTION

Protect your door edges with durable, metal edgings from Hiawatha. These edges can be ordered with astragals, cutouts for hinges, latches or flush bolts, and are made to BHMA standards.

MATERIALS

.050 stainless steel standard. US3, US4, US10, US10B, US32, painted CRS and antimicrobial finishes available upon request (minimum order may apply). Available in lengths to 96".

ORDERING

Submit template or ordering page indicating cutouts.

Specify wood or metal door for correct fastener selection.

CUSTOM SIZES, ASTRAGALS, HINGE EDGE GUARDS

Because we fabricate most of the 32D edges, we are able to meet your custom requirements for special sizes and oversize door thicknesses.

Wider door edges and sets for double doors also available through Air Louvers.

FIRE RATING

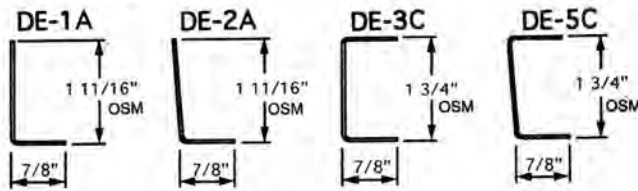
UL or WHI listing available up on request depending on product ordered.

DOOR BOTTOM PLATES & EDGES

Hiawatha's door bottom edges provide additional protection where you need it. Combine a kickplate and door edge in one seamless piece for maximum protection.

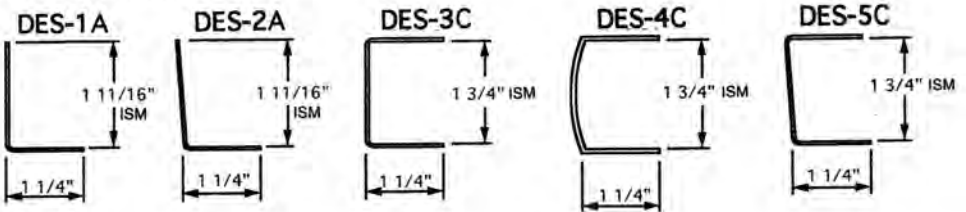
PART NO.	DESCRIPTION
DBP002	Door face plus door edge wrapped
DBP003	Door face plus both door edges wrapped
DBP004	Door face plus door bottom edge wrapped

MORTISE



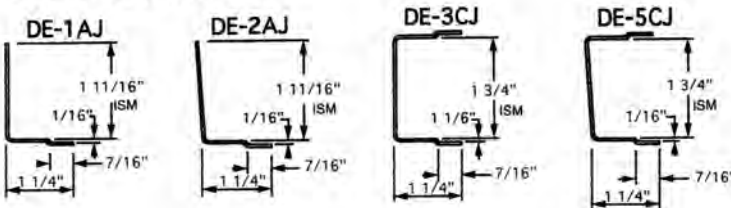
PART NO.	ANGLE	SIZE	Measured	ANSI 156.6
DE-1	90 °	7/8" x 1-11/16"	Outside Edge - Mortise into 1-3/4" door	J204
DE-2A	93 °	7/8" x 1-11/16"		J205
DE-3C	90 °	7/8" x 1-3/4"		J210
DE-5C	93 °	7/8" x 1-3/4"		J211

NON-MORTISE



PART NO.	ANGLE	SIZE	Measured	ANSI 156.6
DES-1A	90 °	1-1/4" x 1-11/16"	Inside Edge - Fits over the edge of a 1-3/4" door	—
DES-2A	93 °	1-1/4" x 1-11/16"		—
DES-3C	90 °	1-1/4" x 1-3/4"		—
DES-4C	90 ° rounded	1-1/4" x 1-3/4"		—
DES-5C	93 °	1-1/4" x 1-3/4"		—

OVERLAPPING



PART NO.	ANGLE	SIZE	Measured	ANSI 156.6
DE-1AJ	90 °	1-1/4" x 1-11/16"	Inside Edge - overlaps .050 thick door protection plate by 7/16"	J201
DE-2AJ	93 °	1-1/4" x 1-11/16"		J202
DE-3CJ	90 °	1-1/4" x 1-11/16"		J207
DE-5CJ	93 °	1-1/4" x 1-3/4"		J208



DOOR STOPS

DOOR STOPS



9310



9320



9300



9360



9367



9380



9390



9330



9347



9260



9267



9118



9119

PART NO	DESCRIPTION	FINISH	WT	ANSI 156.16
9310	Low Dome, Cast Brass, 2" Dia X 1-1/8" Projection		0.21	L02141
9310X	Low Dome, Cast 2" Dia X 1-1/8" Projection. Ms & Lead Anchor.		0.25	L02141
9310XR	1-1/8" Low Dome, Cast Brass, With 3/8" Riser - 2" Dia.		0.3	L02141
9320	1-1/2" High Dome Stop - 2" Dia.		0.28	L02161
9320X	1-1/2" High Dome - 2" Dia. Ms & Lead Anchor.		0.32	L02161
9300	Cast 3/8" X 2" Riser For Low Dome Stops		0.1	—
9360	3" Stem, Cast Brass: 2-12" Base		0.7	L02121
9360X	3" Stem, 5/16-18 X 1-3/4" Stud & Lead Anchor, Cast Brass: 2-12" Base		0.7	L02131
9367	3-3/4" Stem, Cast Brass: 2-12" Base W/Keeper 1" X1-3/4"		0.9	L01361
9367X	3-3/4" Stem, Cast Brass: 2-12" Base W/Keeper 1" X1-3/4", Sms, Lead Anchor		0.9	L01371
9380	1-5/8" Heavy Duty Cast Brass - Base 2-1/2" X 1-3/4"	US3, US4, US10, US10B, US15, US26D, US26	0.62	—
9380X	1-5/8" Heavy Duty Cast Brass - Base 2-1/2" X 1-3/4". Ms & Lead Anchor.		0.62	—
9390	2-1/4" Heavy Duty Cast Brass - Base 2-1/2" X 1-3/4"		0.58	—
9390X	2-1/4" Heavy Duty Cast Brass - Base 2-1/2" X 1-3/4". Ms & Lead Anchor.		0.5	—
9330	2-1/8" Heavy Duty, - Base 1-1/2" X 2-1/2", Lead Anchor		0.65	L02131
9340	2-3/4" Heavy Duty - Base 1-5/8" X 2-5/8", Lead Anchor		0.67	L02131
9347	3" Heavy Duty -- Base 1-5/8" X 2-5/8" With Keeper 1" X 2", Stud & Lead Anchor		0.78	L01371
9260	3-3/4" Stem, Cast Brass 2-1/4" Dia. With Plastic Anchors		0.6	L02011
9260X	3-3/4" Stem 2-1/4" Dia. With 1-3/4" Stud, Lead Anchor, Sms, Plastic Anchor		0.6	L02021
9267	3-3/4" Stem, Cast Brass, 2-1/4" Dia With Keeper 1" W X 1-3/4" H		0.8	L01341
9267X	3-3/4" Stem 2-1/4" Dia With Keeper 1" W X 1-3/4" H & 1-3/4" Stud, Lead Anchor, Sms, Plastic Anchor	0.8	L01351	
9118	3" X 3" Heavy Duty - Cast Brass W/Holder.	US26D	1.8 lb	—
9119	3-3/16 D X 2" H Heavy Duty -	US26D	1.3 lb	—

Above door stops supplied with wood screw and plastic anchor unless otherwise specified



9116



9117



9121



9122

FLAME-RESISTANT HEAVY-DUTY DOOR STOPS

PART NO.	DESCRIPTION	FINISH	WT	ANSI	FASTENERS
9116	2" D x 1-1/2" H	US2C	.06 lb	—	Mounting Bolt: 5/8" x 2-1/2"
9117	2" D x 2-1/2" H, w/replaceable bumper	US4, US26D, US32D	.05 lb	—	Mounting Bolt: 1/2" x 2-1/2"
9121	2" D x 3-1/2" H, Tamper-Resistant	No exposed hardware	.9 lb	—	Mounting Bolt: 5/8" x 2-1/2"
9122	2" D x 1-1/2" H, Tamper-Resistant	No exposed hardware	.6 lb	—	Mounting Bolt: 5/8" x 2-1/2"



DOOR HOLDERS BUMPERS & ROLLER LATCHES

DOOR HOLDERS



9105



9113



9114/9115



9120

PART NO.	DESCRIPTION	FINISH	BASE	WT	ANSI 156.16
9105	4" Kick Down Door Stop, Cast Zinc, 1-5/8" x 1-7/8"	Brass, Dull Bronze, Bright Chrome	3 Hole	.3 lb	L01382
9120	5-3/8" Spring Loaded Plunger Stop, Cast Brass, 1-3/8" x 1-7/8"	Std. Arch. Fin.	3 Hole	1.3 lb	L01411
9113	4" Kick Down Door Stop, Cast Aluminum 2-1/16 x 1-3/8"	Paint: Silver, Brass, Bronze, Brown	4 Hole	.27 lb	L01382
9114	3-5/8" Decorative Kick Down Door Stop, Cast Brass. 2-1/4" x 1-1/4"	Std. Arch. Fin., Blk or Gray Bumper	4 Hole	0.61 lb	L01382
9115	4-5/8" Decorative Kick Down Door Stop, Cast Brass, 2-1/4" x 1-1/4"	Std. Arch. Fin., Blk or Gray Bumper	4 Hole	0.71 lb	L01382

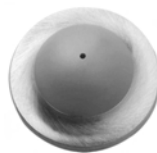
WALL BUMPERS



9210T



9211T



9212T



9213T



9214



9215

PART NO	DESCRIPTION	FINISH	WT	ANSI 156.16
9210T	Convex, wrought brass, bronze, s. steel 2-1/2" x 1"		.2 lb	L02101
9211T	Concave, wrought brass, bronze, s. steel 2-1/2" x 1"		.2 lb	L02251
9212T	Convex, cast 2-7/16", 3/4" projection	Std. Arch Finishes	.3 lb	L02101
9213T	Concave, cast 2-7/16", 3/4" projection		.3 lb	L02251
9214	Beveled, concave, wrought brass & stainless, 1-7/8", 1" projection	US 3, US32D	.2 lb	L02251
9215	Beveled, convex, cast brass, 1-7/8", 1" projection		.1 lb	L02101

ROLLER LATCHES



1041



1042



1043



1044

ROLLER LATCHES				
1041	Roller Latch: 1-11/16" x 2-1/4" Cast Strike & adjustable nylon roller, 1" x 3-3/8" Face	US32D	0.6 lbs	E09091
1042	Roller Latch: 1-1/4" x 4-7/8" Double Acting Strike & Adjustable nylon roller, 1" x 3-3/8" face	US10	0.6 lbs	—
1043	Roller Latch: 1-1/8" x 2-3/4" Strike & adjustable nylon roller, 1" x 3-3/8" face	US26D	0.6 lbs	—
1044	Header Mt. Roller Latch: 1-1/8" x 2-1/4" Strike & Angle Stop with adj. nylon roller, 1-1/2" x 4-1/2" face	US32D	0.8 lbs	E09111

Finishes Available for Roller Latches: US3, US10, US10B, US26D, US26
Torx Security Screws Available at Extra Cost



CORNER GUARDS

DESCRIPTION

Hiawatha's satin finish stainless steel corner guards provide a durable protector which are ideal for restaurants, commercial kitchens, hospitals and schools. These corner guards are excellent for high traffic and sanitary applications.

SPECIFICATIONS

Material - Type 304 stainless steel. Standard 18 gauge or 16 gauge. Standard length 48", other lengths also available.

ANGLE

Standard 90°, 135° or "U" 1/8" radius angle. Other angles by request.

WINGS

Standard 1.5, 2, 2.5, 3 or 3.5" with eased edge and radius top corners. Others by request.

MOUNTING

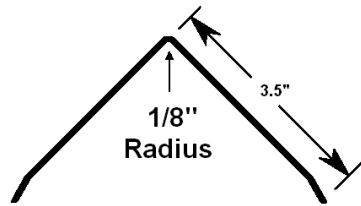
Standard without holes & screws

OPTIONS

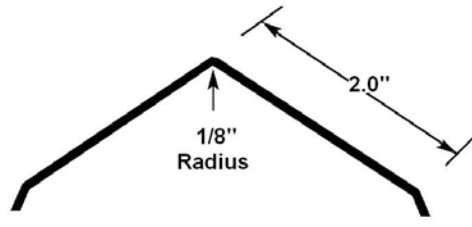
Double-sided tape applied, BN Bullnose 3/4" eased corner, Other finishes US3, US4, US10, US10B.

CUSTOM ORDERS

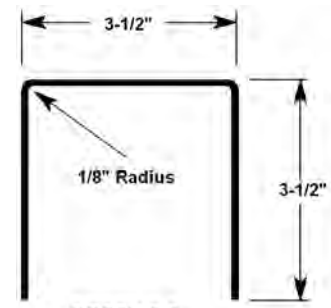
Because we fabricate most of the 32D corner guard products, we are able to customize orders with special wing angles, lengths or cutouts. Contact customer service to find out more.



CGSS90-3.5E



CGSS135-2E



CGSSU-3.5

	90 ° Eased Corner Guard 48"	135 ° Eased Corner Guard 48"
18 GAUGE CORNER GUARD WITH EASED EDGES		
1-1/2" x 48"	CGSS90-1.5E-48	CGSS135-1.5E-48
2" x 48"	CGSS90-2E-48	CGSS135-2E-48
2-1/2" x 48	CGSS90-2.5E-48	CGSS135-2.5E-48
3" x 48"	CGSS90-3E-48	CGSS135-3E-48
3-1/2" x 48"	CGSS90-3.5E-48	CGSS135-3.5E-48
16 GAUGE HEAVY-DUTY CORNER GUARD WITH EASED EDGES		
1-1/2" x 48"	CGSH90-1.5E-48	CGSH135-1.5E-48
2" x 48"	CGSH90-2E-48	CGSH135-2E-48
2-1/2" x 48	CGSH90-2.5E-48	CGSH135-2.5E-48
3" x 48"	CGSH90-3E-48	CGSH135-3E-48
3-1/2" x 48"	CGSH90-3.5E-48	CGSH135-3.5E-48
18 GAUGE "U" ENDWALL GUARD		
1-1/2" x 48" x _____ (wall width)	CGSSU-1.5-48, CGSSU-1.5E	
2-1/2" x 48" x _____ (wall width)	CGSSU-2.5-48, CGSSU-2.5E	
3-1/2" x 48" x _____ (wall width)	CGSSU-3.5-48, CGSSU-3.5E	



SELF LATCHING FLUSH BOLTS

SELF LATCHING FLUSH BOLTS

Self Latching Flush Bolts by Hiawatha are UL-Listed and are installed in the inactive door. Top bolt automatically engages curved

lip frame strike when inactive door is closed. Bolt remains engaged until retracted by depressing the plunger on the face of the bolt. If provided, the bottom bolt will engage

sill strike only when active door is closed. When active and inactive doors are closed, top and bottom bolts are engaged.



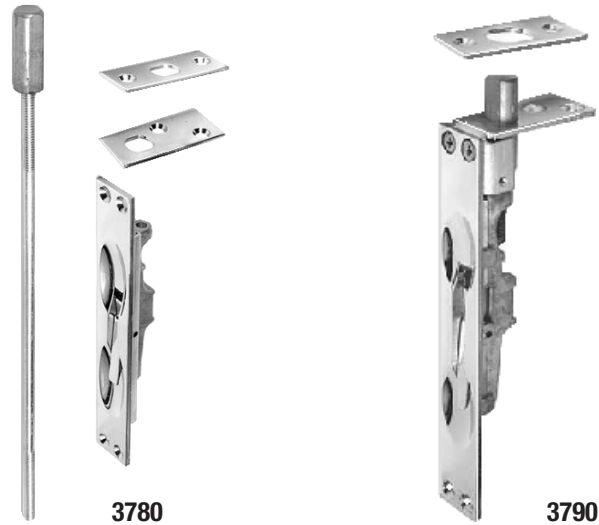
Self Latching Flush Bolts (UL Listed)			
FIRE-RATED METAL DOORS		WT.	ANSI/BHMA
3845	Set of Top & Bottom Bolts - 3 Hour Fire Rating Non-handed Flush Bolts for up to 8' x 10' metal doors. Solid Brass or Bronze material. Bolts can be vertically adjusted up to 1-1/2". Face Plate 1" x 6-3/4", overall length 12".	3 lbs	156.16, L14251
3805	Single Top Bolt - 3 Hour Fire Rating Non-handed top bolt for up to 8' x 10' metal doors. Solid Brass or Bronze material. Bolts can be vertically adjusted up to 1-1/2". Face Plate 1" x 6-3/4", overall length 12". Standard finishes US 3,4,10,10B, 26, 26D, 32, 32D. When ordered with bottom fire bolt BFBM, (3805 -BFBM), eliminates the need for bottom automatic flush bolt and dust-proof strike.	1.5 lbs	156.16, L14251
3840	Single Bottom Bolt - 3 Hour Fire Rating Non-handed bottom bolt for up to 8' x 10' metal doors. Solid Brass or Bronze material. Bolts can be vertically adjusted up to 1-1/2". Face Plate 1" x 6-3/4", overall length 12". Standard finishes US 3,4,10,10B, 26, 26D, 32, 32D.	1.5 lbs	
Standard Finishes for Trim Pack(bolt cover plate, screws & strikes: US3,4,10,10B, 26, 26D, 32, 32D)			
FIRE-RATED WOOD DOORS		WT.	ANSI/BHMA
3945	Set of Top & Bottom Bolts - 1-1/2 Hour Fire Rating For up to 8' x 9' wood doors. Solid Brass or Bronze material. Bolts can be vertically adjusted up to 1/2". Face Plate 1" x 8-1/2", Depth 2", Door bottom or top plate length 7-1/4". Standard finishes US 3,4,10,10B, 26, 26D, 32, 32D.	3 lbs	156.16, L14251
3905	Single Top Bolt - 1-1/2 Hour Fire Rating For up to 8' x 9' wood doors. Solid Brass or Bronze material. Bolts can be vertically adjusted up to 1/2". Face Plate 1" x 8-1/2", Depth 2", Door top plate length 7-1/4". Standard finishes US 3,4,10,10B, 26, 26D, 32, 32D. When ordered with bottom fire bolt BFBW, (3905-BFBW), eliminates the need for bottom automatic flush bolt and dust-proof strike.	1.5 lbs	156.16, L14251
3940	Single Bottom Bolt - 1-1/2 Hour Fire Rating Non-handed bottom bolt for up to 8' x 9' wood doors. Solid Brass or Bronze material. Bolts can be vertically adjusted up to 1/2". Face Plate 1" x 8-1/2", Depth 2", Door bottom plate length 7-1/4". Standard finishes US 3,4,10,10B, 26, 26D, 32, 32D	1.5 lbs	156.3, Type 25
Standard Finishes for Trim Pack(bolt cover plate, screws & strikes: US3,4,10,10B, 26, 26D, 32, 32D)			



MANUAL FLUSH BOLTS

MANUAL FLUSH BOLTS

Manual Flush Bolts are installed in the inactive door. The lever mechanism extends the bolt head 3/4" into the frame and sill strike, locking inactive door. All rods have 2" adjustment for door and strike clearance.



Manual Flush Bolts (UL Listed)			
FIRE-RATED METAL DOORS		WT.	ANSI/BHMA
3780F	Manual Bolt - 3 Hour Fire Rating: For up to 8' x 10' metal doors. Solid Brass or Bronze material. Bolts can be vertically adjusted up to 1/2". Face Plate 1" x 6-3/4", overall length 12", top strikes 1-5/16" x 1-5/8" and 1" x 2".	1 lb.	156.16, L14251 Top Strike: A115.4
FIRE-RATED WOOD DOORS			ANSI/BHMA
3790F	Manual Bolt - 1-1/2 Hour Fire Rating: For up to 8' x 10' wood doors. Solid Brass or Bronze material. Bolts can be vertically adjusted up to 1/2". Face Plate 1" x 6-3/4", overall length 6-3/4", top strikes 15/16" x 2-1/4" and 1" x 2-1/12".	1 lb.	156.16, L14251 Top Strike: A115.4

Standard Finishes: US 3,4,10,10B, 26, 26D, 32, 32D



FIRE BOLTS, STRIKES & TRIM		WT.	ANSI/BHMA
BFBM	Bottom Fire Bolt, UL Listed to pairs of fire doors when specified with an automatic and self latching top flush bolt models 3140 or 3805. US32D. Bolt projects at 230°F, locking leaves.	.1 lb.	630
BFBW	Bottom Fire Bolt, UL Listed to pairs of fire doors when specified with an automatic and self latching top flush bolt models 3240, 3905 or 3660. US32D. Bolt projects at 230°F, locking leaves.	.1 lb.	630
380	Dust Proof Strike: 2" deep for floor installation. Face plate 1-1/2" x 3" in US32D or US32 finish. 2 fasteners #8 x 3/4" APA with Rawl plug. 1" x 2-1/8" prep hole for 3/4" bolt	.4 lb.	156.16, L04021
381	Dust Proof Strike: 2" deep for threshold installation. Std Finish US32D or US32. 1 Tru Arc ring fastener. 1" x 2-1/8" prep hole for 3/4" bolt.	.4 lb.	156.16, L04021
382	Dust Proof Universal Strike: 2" deep for threshold or floor installation. US 3, 4,10, 10B, 26, 26D finishes available. Adjustable plate for carpet, threshold or concrete includes lock nut and screw package for all installations. 1" x 2" prep hole for 3/4" bolt.	.1 lb.	156.16, L04021
-T	Flush Bolt Trim Package: US 3,4,10,10B, 26,26D, 32, 32D. Add "T" to Model Number.	—	—



AUTOMATIC FLUSH BOLTS

AUTOMATIC FLUSH BOLTS

Flush bolts by Hiawatha are UL-Listed and are installed in the top and bottom of the

inactive door. Closing the active door automatically extends both top and bottom bolts 3/4" into frame and sill strikes, locking in-

active door. Opening the active door retracts top and bottom bolts, releasing the inactive door.



3142



3140



3242



3240



3662



3660

FIRE-RATED METAL DOORS		WT.	ANSI/BHMA
3142	<p>Set of Top & Bottom Bolts - 3 Hour Fire Rating</p> <p>These non-handed bolts fit up to 8' x 9' metal doors. Fully automatic. Patented free floating cams require a maximum of 5 lbs force on active door. Bolts can be vertically adjusted up to 1-1/2". Requires 2" clearance, overall length of each bolt is 12". Dust-proof strike optional.</p>	2.4 lbs	156.3, Type 25
3140	<p>Single Top Bolt - 3 Hour Fire Rating When Used with Horizontally-Installed BFB</p> <p>This non-handed bolt fits up to 8' x 9' metal doors. Fully automatic. Patented free floating cams require a maximum of 5 lbs force on active door. Bolts can be vertically adjusted up to 1- 1/2". Requires 2" clearance, overall length of bolt is 12". When ordered with bottom fire bolt BFBM, (3140-BFBM) eliminates the need for bottom automatic flush bolt and dust-proof strike.</p>	1.2 lbs	156.3, Type 25
FIRE-RATED WOOD DOORS		WT.	ANSI/BHMA
3242	<p>Set of Top & Bottom Bolts - 1-1/2 Hour Fire Rating</p> <p>These non-handed bolts fit up to 8' x 9' wood doors. Fully automatic. Patented free floating cams require a maximum of 5 lbs force on active door. Bolts can be vertically adjusted up to 1/2". Requires 2" clearance, overall length of each bolt is 8-1/2". Dust-proof strike optional.</p>	2.9 lbs	156.3, Type 25
3240	<p>Single Top Bolt - 1-1/2 Hour Fire Rating</p> <p>These non-handed bolts fit up to 8' x 9' wood doors. Fully automatic. Patented free floating cams require a maximum of 5 lbs force on active door. Bolts can be vertically adjusted up to 1/2". Requires 2" clearance, overall length 8-1/2". When ordered with bottom fire bolt BFBW, (3240-BFBW) eliminates the need for bottom automatic flush bolt and dust-proof strike.</p>	1.5 lbs	156.3, Type 25
3662	<p>Set of Top & Bottom Bolts - 1-1/2 Hour Fire Rating</p> <p>These patented non-handed bolts fit up to 8' x 9' wood doors. Fully automatic. Patented free floating cams require a maximum of 3 lbs force (ADA-compliant) on active door. Bolts can be vertically adjusted up to 1/2". Requires 2-1/4" clearance, overall length of each bolt is 5-3/4". Door Preparation: Only (2) 1-1/8" diameter holes are required. The top bolt is installed first and then the edge bolt. The edge bolt's grooved channel will engage the top bolt's grooved bottom, locking them together. Dust-proof strike optional.</p>	2.9 lbs	156.3, Type 25
3660	<p>Single Top Bolt - 1-1/2 Hour Fire Rating</p> <p>These patented non-handed bolts fit up to 8' x 9' wood doors. Fully automatic. Patented free floatin cams require a maximum of 3 lbs force (ADA-compliant) on active door. Bolts can be vertically adjusted up to 1/2". Requires 2-1/4" clearance, overall length of each bolt is 5-3/4". Door Preparation: Only (2) 1-1/8" diameter holes are required. The top bolt is installed first and then the edge bolt. The edge bolt's grooved channel will engage the top bolt's grooved bottom, locking them together. When ordered with bottom fire bolt BFBW, (3660-BFBW),eliminates the need for bottom automatic flush bolt and dust-proof strike.</p>	1.5 lbs	156.3, Type 25

Standard Finishes: US3, US4, US10, US10B, US26D, US26, US32D, US32



DOOR COORDINATORS / SPECIAL FINISHES

FIRE-RATED DOOR COORDINATOR - WITH MECHANISM & FILLER

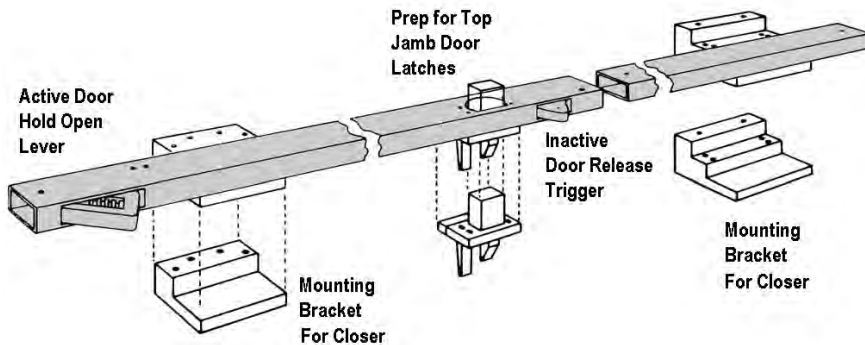
From the manufacturer of the original soffit-applied coordinator. The 3600 Series Coordinator is designed to function in high-frequency areas with minimum maintenance.

This innovative design provides a smooth, quiet, invisible, and tamper-proof closing control of active and inactive doors. Active doors may be equipped with or without atragals or rabbeted door edges. Inactive doors may be equipped with vertical rod exit devices or automatic and self-latching flush bolts. Filler bar is provided and cut to

dimensions provided.

Finish: Black or grey prime coat or custom plated.

UL Listing: 3600 Coordinators are UL-listed, No R10849, conform to ANSI/BHMA Standard 156.3 2001, Type 21A. Cycle tested (100,000) under UL supervision.



PART NO	DESCRIPTION	WT	ANSI 156.3
3632	32" Coordinator for 35" - 54" Opening: For active doors with up to 28" maximum width.	7 lb	Type 21A
3642	42" Coordinator for 44" - 54" Opening: For active doors with up to 38" maximum width.	7 lb	Type 21A
3652-72	52" Coordinator for 55" - 72" Opening: For active doors with up to 48" maximum width.	8 lb	Type 21A
3652-84	52" Coordinator for 73" - 84" Opening: For active doors with up to 48" maximum width.	8 lb	Type 21A
3652-95	52" Coordinator for 85" - 95" Opening: For active doors with up to 48" maximum width.	8 lb	Type 21A
3660	60" Coordinator for 96" - 112" Opening: For active doors with up to 56" maximum width.	9.75 lb	Type 21A
3666	66" Coordinator for 113" - 120" Opening: For active doors with up to 62" maximum width.	10.5 lb	Type 21A

All Models Above Can Also be Ordered with Mechanism Only - No Filler Bar.

3700	Universal Door Coordinator: for pairs of doors up to 8' wide. This non-handed, coordinator is steel, alum, and includes reversible nylon roller and curved lip roller strike. The overall projection of the coordinator arm is 7". Stop mounted; no mounting brackets required. Available in black primer.	2.8 lb	Type 21
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Brackets & Carry Bars

CB36	Carry Bar: for mounting on the inactive door, when the inactive door is equipped with hardware that permits it to open before the active door. (Not needed when inactive door is supplied with flush bolts). Black prime coat finish or US3,4,10,10B,26,26D,32,	.3 lb	—
MB37	Mounting Bracket: For soffits 7/8" to 2-1/4" wide. Order one 5" long bracket for each soffit-applied hardware. Brackets are drilled & tapped in the field for mounting the hardware.	.9 lb	—
MB38	Mounting Bracket: For soffits over 2-1/4" wide. Order one 5" long bracket for each soffit-applied hardware. Brackets are drilled & tapped in the field for mounting the hardware.	.8 lb	—
Carry Bar CB36	Universal Door Coordinator - 3700	—	—

Gravity-Type Coordinator

Features: Non-handed reversible. Prevents the active door from closing until the inactive door is closed.

600	UL-Listed Gravity Door Coordinator: 1" x 5-7/16" 7" Projection. For Jamb openings from 36-104" wide. Cast brass or bronze with wrought roller strike of stainless steel, bronze or brass.	—	—
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OVERHEAD HOLDERS



Select from Hiawatha's line of concealed and surface mount overhead holders and stops in US32D. Hold-open knob can be disengaged to act as a stop for hold-open function only. Maximum opening 110°, minimum door thickness 1-3/4" for heavy duty models.
 Function: Hold Open—door remains held open near deadstop location. Stops—door deadstops at a particular degree of opening.
 Multi-Function—adaptable as hold open and/or stops.
 Rating: All STOP ONLY function doors are UL-listed for fire door assemblies.



WARNING: HOLD OPEN FUNCTION CANNOT BE USED ON LABELED OPENINGS!



Heavy Duty Concealed



Standard Duty Concealed



Heavy Duty Surface Mount



Standard Duty Multi-Function Surface Mount

PART NO	DESCRIPTION	BUTTS/OFFSET PIVOTS	CENTER HUNG DOOR OPENING	WT	ANSI A156.8
HEAVY DUTY CONCEALED					
OH4103H	Heavy Duty Concealed - Hold Open	33-1/16" - 38"	36-1/16" - 41"	4.5	C01511
OH4104H	Heavy Duty Concealed - Hold Open	38-1/16" - 43"	41-1/16" - 46"	4.5	C01511
OH4103S	Heavy Duty Concealed - Stop Only	33-1/16" - 38"	36-1/16" - 41"	4.5	C01541
OH4104S	Heavy Duty Concealed - Stop Only	38-1/16" - 43"	41-1/16" - 46"	4.5	C01541
STANDARD DUTY CONCEALED					
OH4203	Standard Duty Concealed - Multi-Function	30-1/16" - 36"	32-1/16" - 38-1/2"	3.5	C04511
OH4204	Standard Duty Concealed - Multi-Function	36-1/16" - 42"	38-9/16" - 45"	3.5	C04511
STANDARD DUTY SURFACE MOUNT					
OH4003	Standard Duty Surface - Multi-Function	30-1/16" - 36"	32-1/16" - 38"	3.5	—
OH4004	Standard Duty Surface - Multi-Function	36-1/16" - 42"	38-1/16" - 45"	3.5	—
HEAVY DUTY SURFACE MOUNT					
OH4903H	Heavy Duty Surface - Hold Open (on/off knob)	33-1/16" - 38"	36-1/16" - 41"	4.5	C02511
OH4904H	Heavy Duty Surface - Hold Open (on/off knob)	38-1/16" - 43"	41-1/16" - 46"	4.5	C02511
OH4903S	Heavy Duty Surface - Stop Only	33-1/16" - 38"	36-1/16" - 41"	4.5	C02541
OH4904S	Heavy Duty Surface - Stop Only	38-1/16" - 43"	41-1/16" - 46"	4.5	C02541

