PRODUCT STANDARDS

- We are either members of or affiliated with N.A.A.M.M. National Association of Architectural Metals Manufacturers,
 A.W.I. Architectural Woodwork Institute, N.W.W.D.A. National Wood Windows & Door Association, D.H.I. Door & Hardware Institute, S.D.I. Steel Door Institute. Our products are manufactured and designed to incorporate their specifications.
- Frame, door & hardware sizing, preparations, hardware locations, gauges & series specifications are B.M.I. standard specifications, <u>unless indicated otherwise</u>.
- Unless specifically noted, we exclude all B.M.I. options, prep. for surface or concealed hardware, erection, channel or structural frames, hardware applications, field measurements, crating, drilling & tapping for hardware, any and all field work or other item, specification, product or provision not standard to our line.
- In order to provide our customers with the finest products manufactured in the most up-to-date manner, BMI reserves the
 right to make design changes or specific product construction changes without notice. All products may vary due to mfg.
 tolerances.
 - Bildisco Manufacturing is approved and licensed by WH Warnock Hershey for hollow metal doors and frames and wood doors.

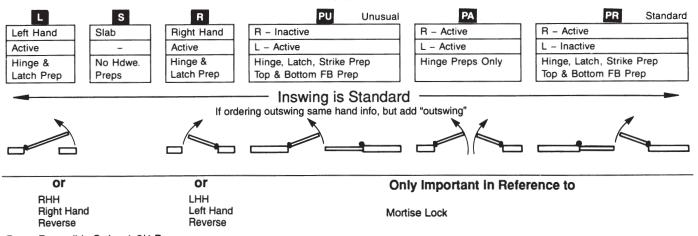
INDUSTRY GRADE GUIDE

Frames, doors and hardware fall into 5 groups (i.e. grades). This guide will help you choose the right grade of material at the most economical price.

The grades of material are based on "Frequency of use & performance characteristics." While not over specifying (spending too much), be careful to avoid under specifying which later leads to large outlays for maintenance & replacement costs.

	INDUS	TRY GRADE GU	JIDE						
GRADE	1	2	3	4	5				
DUTY	EXTRA HEAVY	HEAVY	STANDARD	MODERATE	LIGHT				
THICKNESS	1 ·3/4"	1 3/4"	1 3/4"	1 3/4", 3/8"	1 3/8"				
FREQUENCY OF USE (CYCLES)	750,000	500,000	250,000	100,000	50,000				
QUALITY PERFORMANCE (STRESS)	BEST	BETTER	GOOD	FAIR	UTILITY				
BILDISCO I	PRODUCTS (GRADE	S ARE ALSO SHOW	N ON ALL DETAIL S	SHEETS)					
BILDSICO PRODUCT	FORTISSIMO	PRIMA QUALITA	SHTARK	SILNY	ECONOMICA				
DERIVED FROM	ITALIAN	ITALIAN	YIDDISH	POLISH	SPANISH				
MEANING	STRONGEST OF ALL	FIRST QUALITY, BEST	STRONG	FORMIDABLE	ECONOMICAL VALUE				
FRAMES HOLLOW METAL/STEEL	16 GA.	18 GA.	20 GA.	22 GA 1 3/8	WOOD				
DOORS HOLLOW METAL/STEEL	18 GA.	20 GA.	24 GA. ST. EDGE	24 GA. WD/EDGE	not made				
DOORS WOOD-FLUSH OR STYLE & RAIL	not made	1-3/4 style & rail 1-3/4 solid core flush	1-3/4 hollow core flush	1-3/8 style & rail 1-3/8 solid core flush	1 3/8 hollow core flush				
UNITS & PREHUNGS		BY - PRODU	CTS OF DOOR AND	OOR FRAME					
HARDWARE WE DO NOT MANUFACTURE OR FABRICATE, BUT ALL GRADES OF OPERABLE HARDWARE ARE SHOWN ON DETAIL SHEETS									

SWING GUIDE



Rev = Reversible Swing 1 3/4 Door

BASIC FIRE DOOR REQUIREMENTS S.D.I. 118-76

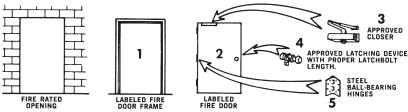
INTRODUCTION

- Fire doors and their hardware have always been a mystifying subject to those in the construction field. Most of the confusion is created by the multitude of code authorizes governing the use of fire doors. To comprehend the entire industry program of fire doors, frames and related hardware is almost an impossibility but basic rules do exist which tend to simplify the labeled door opening.
- Fire doors must serve four main purposes: 1) to serve as a regular door at all times; 2) to provide ready egress from a fire area during a fire; 3) to keep the fire from spreading throughout the building or an adjacent building; and 4) to protect life and property by reducing smoke hazards.

Description	Illustration	Class	Frame, Door Rating	Doors Max/Glass	Sidelights, Borrowed Lights, Transoms with Glass	Sidelights, Transoms with Panels
Door opening in walls separating buildings or dividing a single building into fire areas		A	3 hour	None	No	No
Door openings which enclose vertical communication through buildings. Example: stainwells, elevator shafts. Also mechanical equipment rooms such as boiler rooms, etc.		В	1½ hour	100 sq. in.	No	Yes
Door openings in exterior walls which are subject to severe fire exposure from the outside of the building.		В/А	1½ hour	None	No	No
Door openings from corridors and room partitions.		B C	1 Hour 3/4 Hour	100 sq. in. 1296 sq. in.	No Yes	Yes Yes
Door openings which separate building into areas providing smoke protection within the corridors.		C	⅓ hour	1296 sq. in.	Yes	Yes

THE FIVE BASIC REQUIREMENTS FOR A FIRE RATED OPENING

THE FIVE BASIC REQUIREMENTS FOR A FIRED RATED OPENING



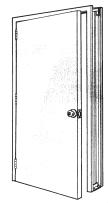
SUGGESTED PROCEDURE FOR THE SELECTION OF FIRE DOORS & HARDWARE

- A. Determine the appropriate building code.
- Check and fulfill the fire insurance company's requirements for the specific buildings.
- C. Basic Fire Door Requirements Use this check list.
 - 1. A fire door must have a label attached.
 - 2. A fire door frame must have a label attached.
 - 3. A fire door must be self-latching.
 - 4. Door closers are required on all fire doors.
 - If a fire door is an automatic closing door, it must be equipped with a heat responsive device or a smoke detection device.
 - A fire door must be free of any obstructions which should prevent the door operating properly, i.e., wedge door stops, chains, hookbacks, etc.
 - 7. Only listed fire door hardware shall be used.
 - A fire door must have steel hinges, and all hinges must be of the ball bearing type except spring type hinges.
 - Doors swing in pairs requiring astragals shall have at least one overlapping astragal. Where astragals are prohibited by code provide 1-1/2 hour fire rated units without astragals.

- 0. Fire doors with glass lights:
 - a. The glass frame and glazing bead must be steel.
 - b. The glass must be 1/4" thick wire glass.
- 11. Fire doors with fusible link louvers:
 - a. Only label louvers can be used.
 - b. Louvers can be furnished in 1-3/4" thick doors with a 1-1/2 hour B label or a 3/4 hour C label (no louver and glass light combination are permitted).
 - Maximum door size with louver is 4/0 x 8/0 single and 8/0 x 7/2 in pairs.
 - d. Maximum louver size is 24" x 24"
 - Louvers are not permitted to be installed indoors with Fire Exit Hardware or in stairwells.
- For maximum fire protection Standard number 80 of the National Fire Protection should be used for an installation guide.
- E. Purchase doors from a recognized responsible manufacturer whose fire doors and frames are produced to conform to Fire Door Procedures.

BILDISCO MFG. INC. IS APPROVED AND LICENSED BY WARNOCK HERSHEY FOR DOOR & FRAME LABELLING

STAINLESS STEEL DOORS & FRAMES

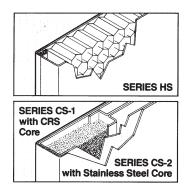


Nothing surpasses the performance of Stainless Steel when the effects of a corrosive atmosphere must be dealt with – or a highly sanitary environment must be maintained.

- · Chemical Plants · Swimming Pools
- · Sewage Treatment Plants · Laboratories
- Research Facilities
 Marine Installations
- Hospitals
 Food and Meat Processing Plants
- · Series HS can be provided with "B" Label

Type 304 Stainless, with a #4 finish is standard.

Type 316 Stainless, with a #4 finish is also available.



SOUND INSULATING METAL OR WOOD DOOR & FRAME ASSEMBLIES

When sound control between connected spaces is essential, specify BMI Sound Insulating Assemblies for

- Executive Offices, Conference Rooms and Board Rooms Screening Rooms Psychiatric Clinics Libraries
- Broadcast Studios Rehearsal Rooms Test Cell Control Rooms Theater Lobbies In-Plant Enclosures and other sound sensitive areas.

BMI Sound Insulating Assemblies are furnished as a complete Frame and Door unit, with Perimeter Gasketing and Drop Seal. Acoustical laboratory test reports available on request.

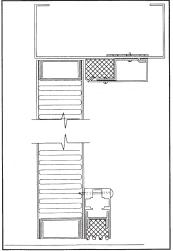
Model No.	F35	F39	F40	F42	F45	F49	F52
Elevation	FLUSH*	FLUSH*	FLUSH*	FLUSH*	FLUSH*	FLUSH*	FLUSH*
STC Rating	35	39	40	42	45	49	52
UL Label	3 HR. "A"			1 ½ HR. "B"		3 HR. "A"	3 HR. "A"

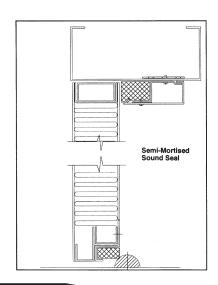
* Glass Lites available for some models – consult BMI. Wood assemblies also available, STC ratings differ slightly.





Surface-Mounted Sound Automatic Door Bottom





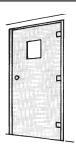
LEAD LINED WOOD OR METAL DOORS & FRAMES



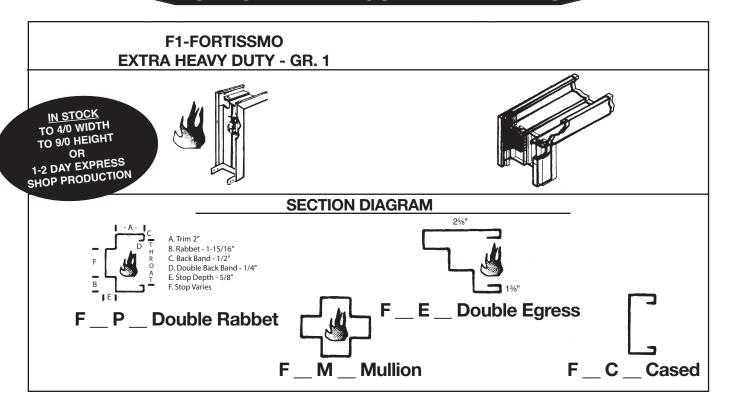
WOOD DOOR

• Lead is either 1/32", 1/16", or 1/8"

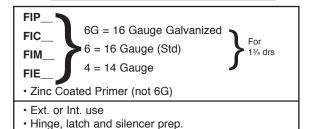
METAL DOOR & FRAME



HOLLOW METAL/STEEL FRAMES



SERIES & SPECIFICATIONS



· All frames meet or exceed N.A.A.M.M. specifications

JAMB THROAT

Standards: 3.6, 4.5, 4.7, 5.5, 6.1, 7.2, 7.6, 11.6, T 76 (to 7¾")

• 3.0 to 12.0

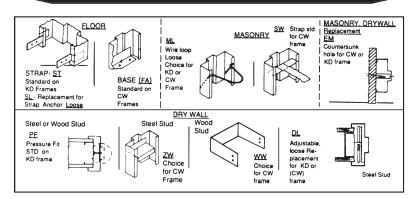
• 3 - 5 Day specials - reduce Jamb throat by welding channel

Jamb throat is same as wall size EX: 3.6 Jt=3¾ wall

ASSEMBLY

• KD - Knocked Down • CW - Continuous Welded • PW - Spot Welded

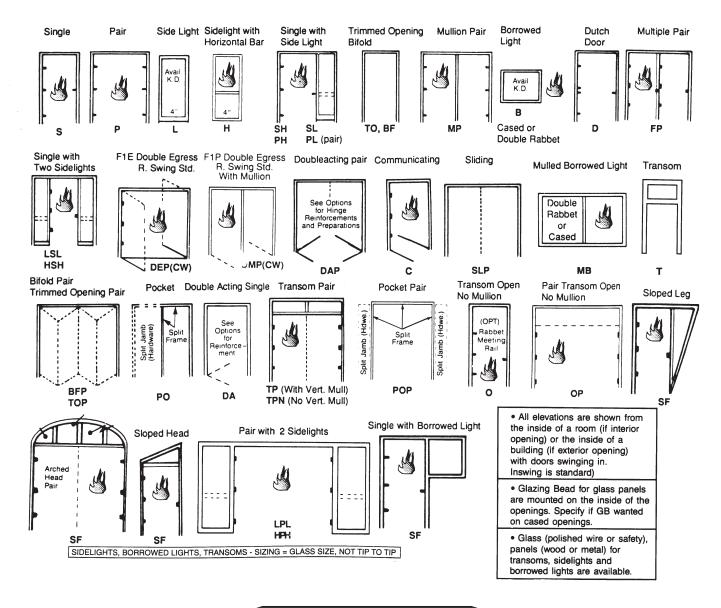
ANCHORS



FOR ALUM. FRAMES SEE PAGE 14

FOR STANDARD HARDWARE PREPARATIONS & ROUGH OPENING SIZES - SEE SPEC. SHEET

ELEVATIONS



OPTIONS AND VARIATIONS

LABELLED-FIRE RATED

- LA Labelled 3 hr. max.
- · LB Labelled 1 1/2 hr. rated

FINISH AND CORE

- · GA Galvacon Galvanizing
- LL Lead Lined

TRIM

- 4S 4" Head (8 Block Layers, on 7/0 H.) single
- 4P 4" Head (8 Block Layers, on 7/0 H.) pair
- T1 17/8" Trim Ex 1-7/8" = T1.7 T2 2-1/8" 4" Trim T4 4-1/8" 6" Trim

MISCELLANEOUS

- FS -Field Splice Reduces Handling Problems
- RM Removable Mullion
- RT Removable Transom
- · DA Increase Width of Frame To Accomodate H.M. Double Acting Doors.

For Wood Doors, See Bullnose Options & Variations

ΕM

Only

Anchors

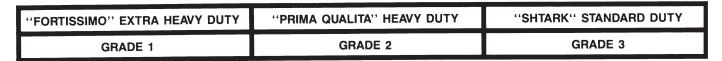
HARDWARE PREPARATION (For our stock hardware. We do all & any hardware prep. such as pivots,

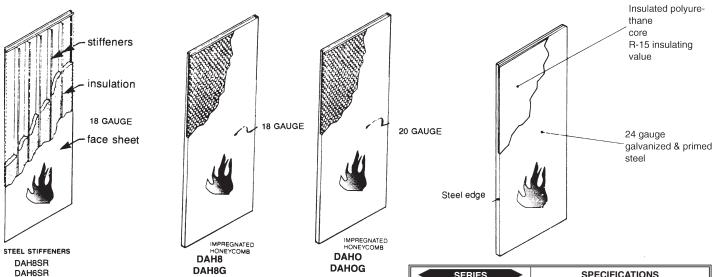
reinforcements, special locks & latches, etc.)

- H5 5" Hinge
- · AH Add Hinge
- CH Close Hinge Location
- HR Relocate Hinge
- R4 Reinforce & Tap for 4-1/2" Surface Mount Hinge
- DP Cylinder Deadlock Strike
- · SE Electric Strike
- BP No Strike (Panic, Push, Pull)
- SR Relocate Strike
- · AS Add Strike
- · H6 6" Hinge (Bommer) LH or RH

FOR STAINLESS STEEL, SOUND INSULATING & **LEAD LINED - SEE PAGE 3**

HOLLOW METAL/STEEL DOORS





SEF	RIES	SPECIFIC	ATIONS				
TYPE	GAUGE		CORE	GRADE			
DAH	•8 = 18	• 1-3/4" Thick	Honeycomb	1			
DAH	•6SR = 16 •8SR = 18	• Primed	Steel Ribbed	1			
DAH	•0 = 20	Prefit and Premachined	Honeycomb	2			
G (Suffix)	Galvanized	 Lock Seam Edge Doors are Square Edge and Reversible 3/16" Hinge Reinforcement L & R are Beveled Edge and Handed 	Honeycomb	2			

SEF	RIES	SPE	CIFICATIONS							
TYPE	GAUGE	* 1-5/4 THICK								
			• Grade 3 • Primed • Prefit and							
DRIL	24	Insulated Steel	Premachined Square Edge, Reversible	STEEL						
ALL DOORS ARE PREMIUM QUALITY AND MEET OR EXCEED N.A.A.M.M. & OR S.D.I. ASSOCIATION SPECIFICATION										
Special sweep available (see Hdwe. sect.) Special latch backset 1" x 2-1/4"										

OPTIONS & VARIATIONS

HARDWARE PREPARATIONS - For our stock hardware only, however we do all and any hardware preparation such as pivots, reinforcements, special locks & latches, etc.

- DS Deadlock Strike For Inactive Door
- H5 5" Hinge (LH or RH)
- · AH Add Hinge
- · CH Close Hinge
- HR Relocate Hinge
- DP Cylinder Deadlock
- IS Strike Only on Inactive Door
- II STDInactive Door Prep, if door Ordered as Single
- AE Cut Doors (2) for Pair T Astragal (lab)
- · H6 6" Hinge (Bommer) LH or RH

MISCELLANEOUS

- SL Seamless Edges (2)
- TC Flush Top Cap In Addition to Inverted Cap
- BC Flush Bottom Cap In Addition to Inverted Cap
- U_ Undercut Total of 1"
- · A Active of Pair
- · I Inactive of Pair
- DA Double Acting Doors See HM Frames

- ME Mortise Door Edge
- PE Panic Exit Only
- PP Push/Pull
- EE Panic Exit and Entry
- IV Interviewer
- · IC Interviewer and Chime
- MA Mail Slot
- · LR Latch & Cylinder Hole Relocation
- P8 Thru Holes For Grade 1.5 Lever Lock
- PS Thru Holes For Other Than Parker Hardware

LABELLED - FIRE RATED

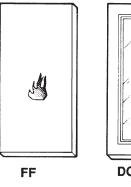
- · LB 1-1/2 Label HM Door
- LA 3 Hr. HM Door
- LC 20 Minute Label

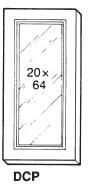
FINISH

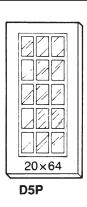
GA - Galvacon Galvanizing

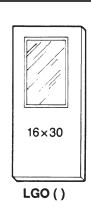
FOR STAINLESS STEEL, SOUND INSULATING & LEAD LINED SEE PAGE 3

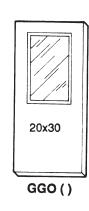
DOOR ELEVATIONS (DESIGNS)

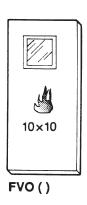


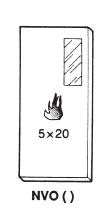


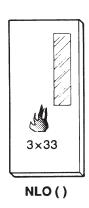


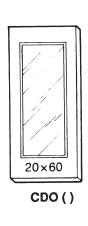


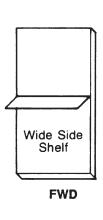


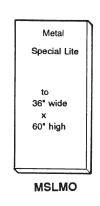


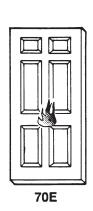


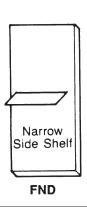


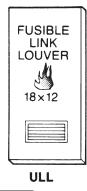






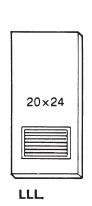












SUFFIX LEGEND (Last Letter)

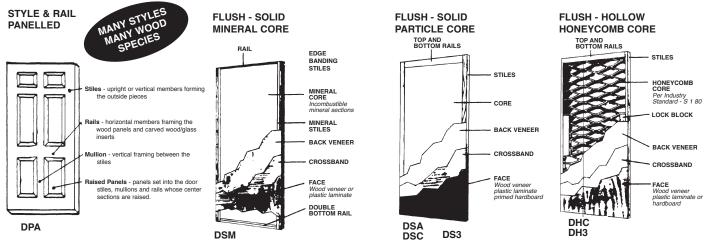
- F Flush, No Light or Louver
- L Steel Louver
- O Steel Light Open
 - P With 1/4" Polished Wire Glass
 - S With 1/4" Safety Glass
 - WM Wire Mesh over glass (on opp. side of screw head of light or louver)
- P High Impact Polystyrene Light with Insulated Glass
- D Flush Design Variation
- E Embossed No Lights or Louvers

GENERAL NOTES

- For any other or special designs, consult office.
- All lights and Louvers are Overlap Type on Flush and Embossed Doors.
- Steel Louvers & Lights are Labelled.
- Lights and Louvers are so Mounted that Screw Heads are Exposed on Side Opposite Hinge Pin, or on Prehung Placed on Inside. (These are changeable in field).
- · Special size Lights & Louvers are available.
- Plants are mounted on side opposite hinge pin.

IN STOCK TO 4/0 WIDTH TO 9/0 HEIGHT OR 1-2 DAY EXPRESS SHOP PRODUCTION

WOOD DOORS



- STYLES & RAILS VARY ACCORDING TO STANDARD VERSUS LABELLED DOORS & ASSOCIATION SPECIFICATIONS.
- · CONTACT OFFICE FOR INFORMATION ON STORING, FINISHING, HANDLING, INSTALLING & MAINTAINING WOOD DOORS

				SERIES & SPECIF	ICATION	S				VEN	NEER LEGEND
SER	RIES	DESCRIPTION	THICKNESS	CORE	GRADE	INTERIOR		VENEER			ROTARY BIRCH PLAIN SLICED
TYPE	VENEER				1	WARRANTY	GRADE	MATCH	EDGE		OAK
GRADE 1 FORTISSIMO (not made in wood)											LUAN MAHOGANY PRIMED HARD
DPA DSA DSC DSM-6 DSM-9	S E E	STYLE & RAIL FLUSH FLUSH FLUSH 60 MIN FLUSH 90 MIN	1-3/4	ARCHITECTURAL-PANELLED ARCHPARTICLE CORE COMMPARTICLE CORE COMMMINERAL CORE COMMMINERAL CORE	2	2 YR. LIFE 2 YR. 2 YR. 2 YR.	PREMIUM	воок	SAME MATCHING SOFTWOOD HARDWOOD HARDWOOD		BOARD (PRIMED WOOD VENEER MAY BE SUBSTITUTED) PLASTIC LAMINATED
GRADE 3 SH	T E										(WILSON ART)
DHC	E	FLUSH	1-3/4	COMMHONEYCOMB CORE	3	2 YR.	PREMIUM	воок	SOFTWOOD		(FORMICA) SEE PL OPTION
GRADE 4 SIL	LNY R										
DS3	L E	FLUSH	1-3/8	COMM/RES-PARTICLE CORE	4	1 YR.	GOOD	RANDOM	SOFTWOOD		
GRADE 5 EC	ONOMICAL										
DH3	E N	FLUSH, EMBOSSED	1-3/8	RES/HONEYCOMB CORE	5	1 YR.	сиѕтом	RANDOM	SOFTWOOD OR FIBRE		
		AL	L DOORS MEET	OR EXCEED A.W.I. AND/OR N.V	V.W.D.A. SF	PECIFICATIONS					

OPTIONS & VARIATIONS

HARDWARE PREPARATIONS - For our stock hardware. However, we do all & any hardware preparation such as pivots, any reinforcements, special locks or latches, etc.

- H5 5" Hinge
- · AH Add Hinge
- · DP Cylinder Deadlock
- · IS Strike Only on Inactive Door
- II STDInactive Door Prep if Door Ordered as Single Inactive Door
- AE Cut Doors (2) for Pair T Astragal (lab)
- · ME Mortise Door Edge
- · PE- Panic Exit Only
- PP Push/Pull
- EE Panic Exit and Entry
- PU Pocket Edge Pull
- PB Oblong Pull 38" on Ctr.
- IV Interviewer
- · IC Interviewer and Chime
- · MA Mail Slot
- · L Left Hand Standard Hardware Prep.
- · R Right Hand Standard Hardware Prep.
- P8 Post Thru Holes for Grade 1.5 Lever Lock
- · SU Cond, Stain, Setup & Procurement (1 Time)
- · DS Deadlock Strike for II Door.
- · PS Thru Holes Other than Parker Hardware

LABELLED - FIRE RATED

- L2 20 Min. Label, Wood Doors - 60 Min. Label, Wood Doors
 - 90 Min. Label, Wood Doors

Cannot be Machined in Field



FINISH

- PF Prefinished 2 Coats Clear F Elev.
- PR Prime Door
- P3 Prefinish 3 Coats Clear F Elev.
- · CS Conditioner (Benwood) & Stain (See Note for Color)
- PT Pref. Top & Bottom
- P3I P3 on Door w/Light
- P30 P3 on Door w/Louver

MISCELLANEOUS

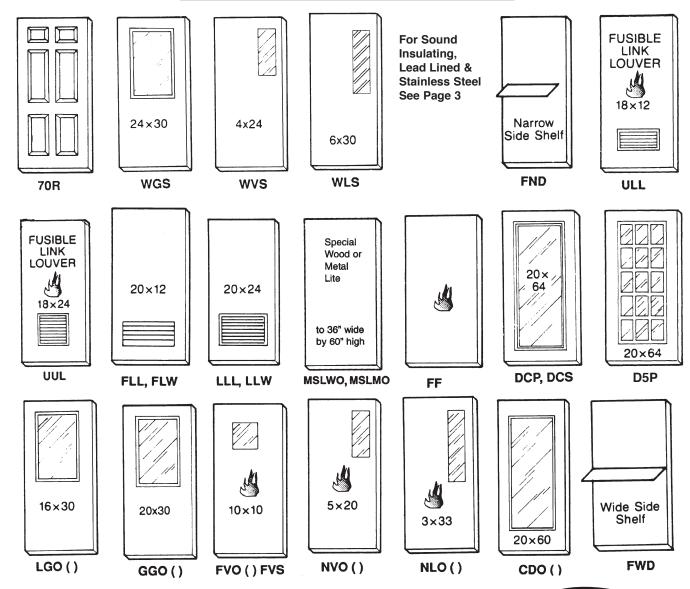
- U_ Undercut Total of 1" or 2" (Max on LAB = 1"0
- · BN Bull Nose One Edge
- UR Undercut 33/4" Total for Sliders See Note

VENEER

- · A Active Pair
- · I Inactive Match Color Match • PL - Plastic Laminate (Wilson art) (Formica)

NOTE: Color, order of 5 or more approved sample from customer. 10+ Approved Door from Cust. add 3 additional days to shop time for drying time. Does not include clear finish.

DOOR DESIGNS/ELEVATIONS



SUFFIX LEGEND (Last Letter)

- F Flush, No Light or Louver
- L Steel Louver
- O Steel Light Open
- (O)•P with 1/4" Polished Wire Glass
- (O)•S With 1/4" Safety Glass
- WM Wire Mesh over glass

(on opp. side of screw head of light or louver)

- W Wood Louver
- S Wood Light with 1/8" Safety Glass
- D Flush Design Variation
- R Style & Rail Design
- All wood lights and louvers are basswood
- P High Impact Polystyrene Light with Insulated Glass

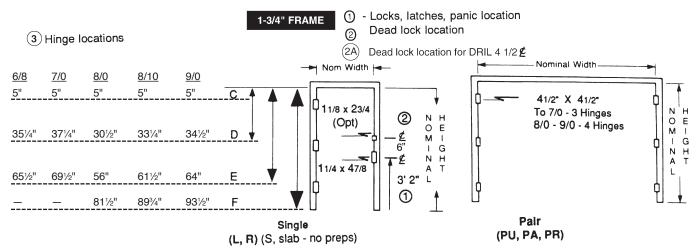
IN STOCK
TO 4/0 WIDTH
TO 9/0 HEIGHT
OR
1-2 DAY EXPRESS
SHOP PRODUCTION

GENERAL NOTES

- · For any other or special designs, consult office.
- All lights and Louvers are Overlap Type on Flush and Embossed Doors. Lights Vary on Wood Doors, Either Overlap or Integral.
- · Steel Louvers & Lights are Labelled, Wood and Polystyrene are not.
- Lights and Louvers are so Mounted that Screw Heads are Exposed on Side Opposite Hinge Pin, or on Prehung Placed on Inside. (These are changeable in field).
- · Special size Lights & Louvers are available.
- · Plants are mounted on side opposite hinge pin.

FOR STANDARD HARDWARE PREPARATIONS - SEE SPECIFICATION SHEET

FRAME - STANDARD SPECIFICATIONS HARDWARE PREPS

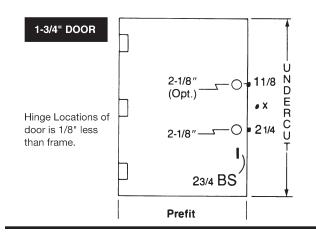


- Bottom hinge location may decrease up to 5" or less in height, if we cut down STD frame without relocation (maximum 5") strike decrease maximum = 2".
- Door opening size of frame is normally nominal width and height. Ex. 3/0x6/8=36" width head and 80" height leg.
- · Information on wood frames & units not indicated.
- 5/0, 6/0 pair heads to have STD flush bolt prep

ROUGH OPENINGS

				ADD TO	NOMINAL	WIDTH C	OR HEIGH	Γ
	F1,2	2 - P	F1,2	2 - C	IE	F	4	
	w	Н	w	Н	w	Н	w	Н
Butt wall	4"	2"	4"	2"	5-1/4"	2"	-	-
Wrap Wall	1-3/4"	1"	3"	1"	3"	1"	1 3/4"	1"

DOOR - STANDARD SPECIFICATIONS HARDWARE PREPS



- L or R prefit = undercut and premachined for hinges and cylinder lock.
- S (Slab) no premachining
- See frame info. for further hardware information and info. on height cut of 5" or less.
- Undercut -Hollow Metal - 3/4"

Wood Standard - 3/4

Wood mineral core - 1/2"

Information on style & RAIL, DRIL, DRIR Doors & Units not indicated

1-3/8" DOORS

1-3/8" Doors - If pre-machined for standard left or right hand

• 2-3/8" backset, 1" x 2-1/4" latch

HOLLOW METAL FRAME JAMB THROAT SIZES

DRYWALL	BLOCK OR M	ASONRY	IMMEDIATE AVAILABILITY JAMB THROATS
WRAP WALL	WRAP WALL	BUTT WALL	JAMB THROAT
2x3 metal stud (2 1/2) w/ 1/2" sheetrock	NOT	YES	(3 1/2) 3 3/4 * W/ JA (1/4")
each side	APPLICABLE		OPTION JT REDUCER
2x3 metal stud (2 1/2) w/ 5/8" sheetrock	4" (3 5/8 BLOCK)	YES	3 3/4
each side			
2x4 metal stud (3 5/8) w/ 1/2" sheetrock	NOT	YES	4 5/8
each side	APPLICABLE		
2x4 metal stud (3 5/8) w/ 5/8" sheetrock	NOT	YES	4 7/8
each side	APPLICABLE		
2x4 metal stud (3 5/8) w/ double	6" (5 5/8)	YES	5 5/8
1/2" sheetrock each side			
2x4 metal stud (3 5/8) w/ double 5/8"	NOT	YES	6 1/8
sheetrock each side	APPLICABLE		
2x6 metal stud (6") w/ 5/8" sheetrock	NOT	YES	7 1/4
each side	APPLICABLE		
	8" (7 5/8)	YES	7 3/4
	12" (11 3/4)	YES	11 3/4
*CUSTOM JAMB THROATS ARE AVAILA	BLE 2-3 WEEKS		*3-5 DAY AVAILABLE SPECIALS BY
			REDUCING JAMB THROAT
			W/ WELDED CHANEL
			*JA-REDUCE 1/4", 1 SIDE
			*JB-REDUCE 1/2", 2 SIDES
			*JC-REDUCE 1/2", 1 SIDE
			*JD-REDUCE 1", 2 SIDES

SPECIAL DETAIL SHEET

BILDISCO DOOR Mfg.

SALES • INSTALLATION • SERVICE

ARCHITECTURAL • INSTITUTIONAL • COMMERCIAL • APARTMENT DOOR OPENINGS HOLLOW METAL DOORS & FRAMES
 ALUMINUM STOREFRONTS
 ARCHITECTURAL, INSTITUTIONAL, COMMERCIAL GRADE WOOD DOORS

21 Central Avenue West Orange, NJ 07052 Call 973/673-2400 • Fax 973/673-2236 www.bildisco.com

BUILDERS & CONTRACT HARDWARE
 HBERGLASS (FRP) DOORS
 APARTMENT DOORS
 LICENSED BY WARNOCK HERSEY FOR
 HRE RATED (LABELLED) OPENINGS

00 = Exact size in inches

0/0 = Nominal size in

All fractions = 1/8 Ex. 35.1 = 35 1/8

feet/inches

"The Door Doctors offer the Total Package for Immediate Delivery"

SPECIAL CUSTOM ORDERS

- SCO-F-Frame
- SCO-D-Door
- SCO-H-Hardware
- SCO-U-Unit
- SCO-M-Miscellaneous
- SCO-W-Windows

SPECIAL SHOP ORDERS

- SF-Frame
- SD-Door
- SH-Hardware
- SU-Unit
- SM-Misc

May be combination of material & include:

- STT-Template set up
- SX1-Special production hours
- SFSI (1 man)-(2 man) Field service
- SRLA-Field labor verification

12

· Show all frame

sizing

Show all

door sizing

DISCO MFG., INC.

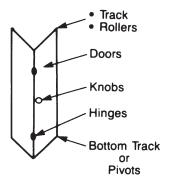
×,

7/0

Customer _____ Job _

Date

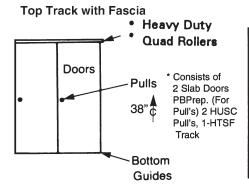
BIFOLD UNITS



SE	RIES	SF	PECIFICA	ELEVATIONS				
TYPE	VENEER	THICKNESS	GRADE	DESCRIPTION				
UBDH3	• B - Birch • L - Luan	1 3/8"	3	Honeycomb core	FF			
UBDH83H UBDH83B	H Primed B Birch	1 1/8" 1 1/8"	4 4	Honeycomb core	FF			

Finished opening size - add to nominal width 0", height + 1" - If put in H.M. frame, special sizing required.

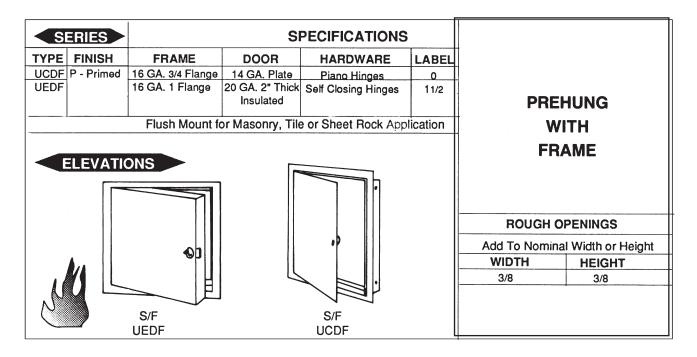
SLIDING DOOR UNITS



S	ERIES	S	ELEVATIONS		
TYPE	VENEER	THICKNESS	GRADE	DESCRIPTION	
	● B - Birch ● O - Oak	1-3/4"	2	Solid particle core	FF
			3	Honeycomb core	

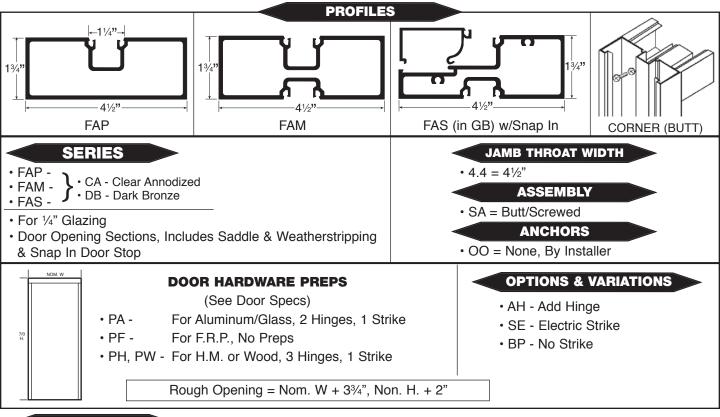
ACCESS DOORS

option if put in frame.

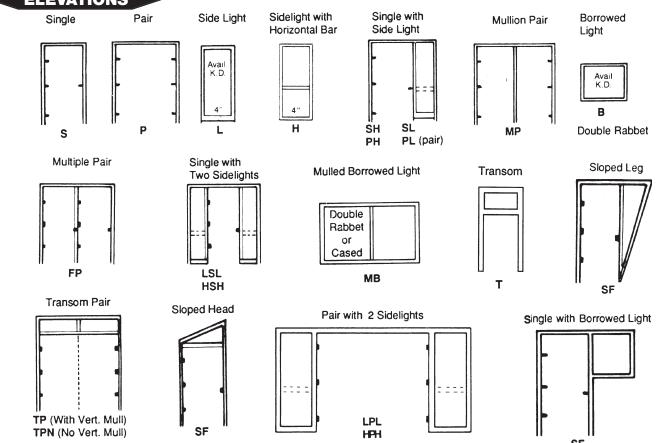


ALUMINUM FRAMES

For Aluminum/Glass and FRP Doors (and Hollow Metal or Wood)







ALUMINUM/GLASS DOORS

SERIES

- DAGCA Clear Annodized
- DAGDB Dark Bronze
- Narrow Style 25/16" Style & Top Rail, 3¾" Bottom Rail
- · Welded Corners, Tie Rod
- Glazed with ¼" Tempered Glass

ELEVATIONS

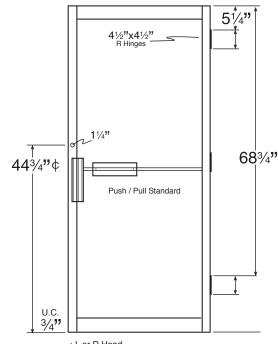
· DC

OPTIONS & VARIATIONS

- II Standard Inactive Door Prep
- IA Inactive Door Prep w/Security Astragal
- · A Active of Pair
- · I Inactive of Pair

For Frames - See Aluminum

SPECIFICATIONS

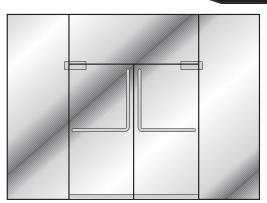


- · L or R Hand
 - Requires 5/8" x 31/2" Frame Strike Prep

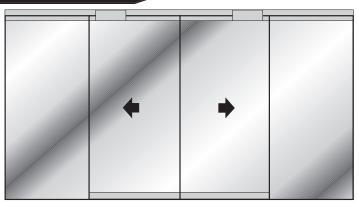
Custom Designs, Sizes, Colors Are Also Available



ALL GLASS DOORS



Contact Office

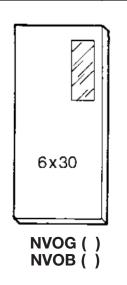


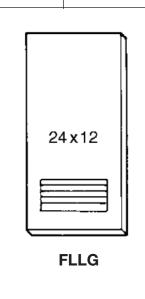
FRP (Fiberglass) DOORS

GGOB ()

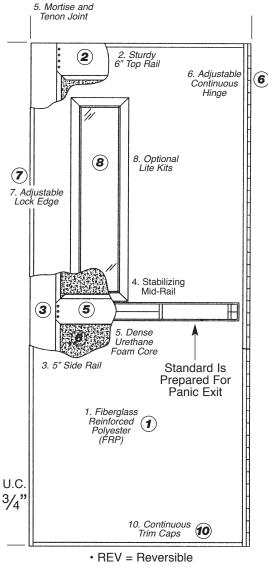
SER	IES							
	DOOR	ALUM. HING	E & LOCK EDGE					
• DFRPG	Light Grey	Clear Annodiz	zed					
• DFRPB	Brown	Duronodic Br	onze					
ELEVA	TIONS	0×10	20x30	() 7. 1				
FF	FV	OG ()	GGOG ()					

FVOB()





- Extruded Aluminum w/Rubber Gasketing
- · G, B To Match FRP Door
- () = Prepped for 1/4" Glazing
- P with Polished Wire Glass
- S with Safety Glass
- T with Tempered Glass



OPTIONS & VARIATIONS

- EE For Panic Exit & Entry
- PI For Cylindrical Locks
- ME For Mortise Locks
- II Standard Inactive Door Prep (with Astragal Edge Guard)
- · A Active of Pair
- I Inactive of Pair

FRAMES

See Aluminum or Hollow Metal

HARDWARE

FINISH LEGEND

C US26 - Bright Chrome (625)

P USP - Primed

3 US3 - Bright Brass (605)

4 US4 - Satin Brass (633)

D US26D - Satin Chromium Plated (626)

F US28 (-) - Aluminum

G US32D - Satin Stainless Steel (630)

B Black

M SBL - Silver Aluminum Lacquer (689)

R Grey or DB For Aluminum Entrance

W White

S Steel

U Brown Color

T M/F Alum

· Last letter or number of item is finish, exception misc. hdwe

OPTIONS

- Keying for Panics (HP), locks (HL), and cylinders
- KA Keyed Alike, MK Master Keyed,
- KS KA Lock & Dead Lock Set,
- · GK Grand Master Keyed See prefix # on above for matching of Key Systems (Dept. 400)

NOTES

- We will substitute on an equal basis lines on all our orders and quotes.
- · All hardware shown is by indicated manufacturer or equal.
- · SH Special hardware, hardware shown, not in our line
- · We do not supply electronic hardware, exception electric strikes
- Parker Schlage Lawrence Hager Stanley Bommer Ives
- · Corbin Russwin · Barrier · Pemko · Adams Rite · Detex
- · LCN · Norton · Rixson · Von Duprin · Yale · Markar & Many More, etc., etc., etc.

HL LOCKS

#	DESCRIPTION	GRADE	MANUFACTURER
HL17 HL5 HL	Cylindrical Lever Cylindrical Lever Digital/Push Button Lever	1 1.5 1	BMIP-8161 BMIP-SL8160 ALDL2700
HL2P	Cylindrical-Lever	2	BMIP-SL7160
HL3	Cylindrical-Orbit	3	BMIP-B2600
HL4	Tubular-Tulip	4	BMIP-9

- · 2nd _(Blank) is finish see legend
- 1st _(Blank) is function

FUNCTIONS

- 0 = entry, no core for best
- 1 = class, no core for best
- 2 = entry or office keylock
- 3 = storeroom, vestibule keylock
- 4 = classroom keylock
- 5 = storeroom, no core for best
- 6 = privacy latch
- 7 = passage
- 8 = half dummy
- D = single deadlock
- 2D = entry & single deadlock 9 = entry decorative handle set
- B = bathroom, privacy, split finish
- DD = double cylinder deadlock DIG = digital/push button





LOCK NOTES & OPTIONS

All reversible



LOCK SPECIFICATIONS

Grade Backset Strike Latchface Latch Face Strike Pin G1 2 1/4 4 1/6 1 1/6 x 2 1/4 0 0 0 Schla SC1 5 Pin G2 2 1/4 4 1/6 1 1/6 x 2 1/4 0 Schla SC1 5 Pin G3 2 1/4 4 1/6 1 1/6 x 2 1/4 1 1/6 x 2 1/4 1 1/6 x 2 1/4 Schla SC1 5 Pin G3 2 1/4 4 1/6 1 1/6 x 2 1/4 1 1/6 x 2 1/4 1 1/6 x 2 1/4 Schla SC1 5 Pin							
G1.5 2 ½ 4 ½ 1 ½ x 2 ½ 0 0 0 SC1 5 Pin G2 2 ½ 4 ½ 1 ½ x 2 ½ 0 Schlar SC1 SC1 5 Pin G3 2 ½ 4 ½ 1 ½ x 2 ½ 1 ½ x 2 ½ 1 ½ x 2 ½ Schlar SC1 5 Pin	Grade	Backset	Strike	Latchface			Keyway Pin
G2 2 ¾ 4 ½ 1 ½ x 2 ¼ SC1 5 Pil G3 2 ¾ 4 ½ 1 ½ x 2 ¼ 1 ½ x 2 ¼ 1 ½ x 2 ¾ 1 ½ x 2 ¾ 5 Pil					1		Schlage SC1 5 Pin
G3 2 ½ 4 ½ 1 ½x 2 ¼ 1 ½x 2 ¼ 1 ½x 2 ¾ SC1 5 Pit	G2	2 3/4	4 1/8	1 1/8 x 2 1/4			Schlage SC1 5 Pin
Kwike	G3	2 ¾	4 1/8	1 1/8 x 2 1/4	1 1/8 x 2 1/4	1 1/8 x 2 3/4	Schlage SC1 5 Pin
G4 Adjustable 2 ½ 1 x 2 ½ 1 x 2 ½ 1 x 2 ½ 1063	G4	Adjustable	2 1/4	1 x 2 1/4	1 x 2 1/4	1 x 2 1/4	Kwikset 1063 5 Pin

Loose strikes and backsets are available to make locks adaptable to various frame & door conditions.

Schlage SC-1 6 pin also used in our panic trims & rim cylinders.

HC CLOSERS

DESCRIPTION	GRADE	MANUFACTURER
Closer, Adj., ADA 10 year	1	PCB900AL
Closer, 10 year warranty	2	P953AL
Door mounted hold open	2	BMIP-B135SPAC
Closer, Adj. ADA, DB	1	PCB900DUR
Closer, UL3, Non-Handed, DB	2	P953DUR
Closer, Xtra Heavy Duty	1	P441BCAL W/HO ARM
Hold Open/Stop Arm for HCLN	1	PSTOPARM 441AL
Dropplate for HCPM		P607900AL
Dropplate for HCPR		P607900DUR
Heavy Duty Arm for HCLM		HDARM441AL
	Closer, Adj., ADA 10 year Closer, 10 year warranty Door mounted hold open Closer, Adj. ADA, DB Closer, UL3, Non-Handed, DB Closer, Xtra Heavy Duty Hold Open/Stop Arm for HCLN Dropplate for HCPM Dropplate for HCPR	Closer, Adj., ADA 10 year Closer, 10 year warranty Door mounted hold open Closer, Adj. ADA, DB 1 Closer, UL3, Non-Handed, DB Closer, Xtra Heavy Duty Hold Open/Stop Arm for HCLN Dropplate for HCPM Dropplate for HCPR

HP PANIC EXIT DEVICES

	AITIO EXII DET		-0	
HPREV	Panic exit with vertical REV	1		520VAL
HPIM	Panic exit	2		BMIP-UL523AL
HPKKID	Trim-Ball with keylock	2		BMIP-KL520AL
HPKLID	Trim-lever with keylock	2		BMIP-SLL520DCH
HPKPIM	Trim-pull w/cylinder	2		BMIP-PC510AL
OHHPCP	Option cut, & recrimp vert.	-		_ 1320DCHKD
HPVR	Top Panic Rod for 8' 1" - 10' door	1		520VRC
HPLIC	Trim, lever, no core best	1		BMIP-LL520DCHIC
HPBP	Backset, Ver. Dev. Trim	1		BMIP
HPLARD	Alarm Panic Paddle	1		AL250
HPALD	Trim Passage Lever	2	S	NLL520DCH

PANIC - Minimum door width = 2/7

HARDWARE

HT SLIDING TRACK

Includes track and all hardware, except pulls

#	DESCRIPTION	GRADE	MANUFACTURER
HT6F HTPS HTSF	Bifold-6' with pulls Pocket-to 8' H, 3'W Sliding-6', with fascia	1 1 1	Hager 9570-72 Hager 9629 Hager 9885-72

HH HINGES

		—∥Ø ®∥-		
	:11.		_	,
HH_	4½ x 4½ template, std	1	1279	
HHN_	41/2 x 41/2 template, NRP	1	1279NRP	
HHB_	41/2 x 41/2 template, B.B.	1	NBB1279	By
HHSP	41/2 x 41/2 template, spring			Hagar
	UL	1	UL1278PC	Lawrence
HHDAP	41/2 x 41/2 template, double			Lawionoo
	acting	1	3029	Stanley
HHALFP	41/2 x 41/2 half surface, NRP	1	1138PC4HN	Bommer
HH5	5 x 5 template, BB	1	B1279	
HH34	3½ x 3½ temp., ¼" RAD.	4	1240RBP3HBQ	
HH35S4	3½ x 3½ temp., spring	3	1253HC	,
HHS4P	4 x 4, temp., spring	2	1750	
HH444	4 x 4, temp., RAD.	4	1240RBP4Q	
HDRILH	4 x 4½, - For DRIL	2		
HHHSDRP	4½ x 4½ Spring for DRIL			
HROMF	Continuous 83" Full Mortise	1	Roton 780-224	
HNROTF	Continuous 83" Full Surface		Roton 780-157	
	[™] " trim required			
		14	,	
		<u> </u>		
			, 0 LO	
		7		1
HU	PUSH PULL		STOC	7

HU PUSH PULL

HUSOH3 HUH_ HUL_ HUS_	Slip over entry handle Push plate 3½ x 15 Pull plate 3½ x 15 Sliding pull, 2 x 3	3 2 2 1	BMIP-2301PB Hager-30S Hager-31E Hager (1) CD2640

HR PAIR OPENINGS

HRFD HR8D	Flush bolt set(2) 1 x 6¾ Flush bolt set extension	1	Hager-282D
	rod	1	BMI
HRMF	Magnetic latch, s or p	1	Ives-327A92
HRSF	Surface bolt	1	BMIP 2096ZP

HB BUMPERS

HBF_ Dome, floor, universal HBS Wall, screw in **HBWR** Wall, self stick

Hager-242F Hager-236W 1 Hager-251W

HK PLATES

HKK3	Kick 8 x 34	1	Hager 199B (US3)
HKAF	Armor, 34 x 34	1	Hager-19OS
HKKF	Kick 10 x 34	1	Hager-19OS (US28)
HKMF	Mop, 4 x 34	1	Hager-19OS
OHHN-CP	Option, Cut plate, width		

HW WEATHERSTRIPPING, **WEATHERPROOFING &** SOUNDPROOFING

HWIR HWB	Silencers, stick in Weatherstrip, self-	1	BMIT-240 Hager 726S
	stick, UL	1	
HWS7F	7' weatherstrip	1	Hager 896S
HWSW	Silencer, self-stick	1	BMI
HWNB7F	7' Brushed Weatherstrip Nylon	1	Hager 802SAB

HO SADDLES & THRESHOLDS

HO3T	3' alum. ½ x 5"	2	Hager 412S
HO6T	6' alum. ½ x 5"	2	Hager 412S
HO8T	8' alum ½ x 5"	2	Hager 412S

HE SWEEPS, SEALS & EXPANDERS

HARDWARE

HM

MISCELLANEOUS HARDWARE

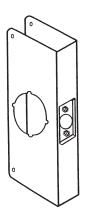
ANCHORS & SCREWS

HMSW3 Hinge screws, wood door, (12) 3 Fin HME3S 3" screw f/wood - steel stud HME5S 5" screw f/wood - steel stud **HMEAS** 5" EMA dynabolt/masonry, steel HMS.6 12-24 11/16 self drill phillips HMS₁2 11/4 self drill phillips flhd **HMSMS** Hinge screws, metal dr., (24/stl) **HMML** W/loop anc./for CW, KD frame **HMSWD** Hinge screws, wood, (12), D fin **HMTBS** Thrubolts-#2



HMTBS Inrubolts
HMSF34 Screw for

Screw for 31/2 hing - FL.HP., Phillips, wood





EXTRA SECURITY

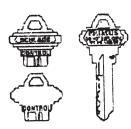
HMWID3 Wide Viewer, 190°, US3 HMGD3 Chain door guard, US3, brt. Brass **HMGLF** Lockguard, open out ext. dr., US28-DJPLP211 626 **HMICW** Interviewer, name plt. & chime, white **HMKCR** Key cabinet/40/,grey **HMLCS** Covered 30" wind limit chain **HMAP** Padlock - std. duty HHMDRBG Door reinforcer - Blank - 32D HHMDR4G Door reinforcer - 2 3/4 BS - 32D HMMA3D Mail / Mag. No Sleeve US26D **HMMSL** Mail / Mag. - Sleeve **HMCHD** Coat Hook

KEYS, CORES & CYLINDERS

HMARD
HMKEY
HMKEK
HMKME
HMKME
HMMBCC
HMKCC
HMKCC
HMKCC
HMKCC
HMKCC
HMKCC
HMKCC

Rim Cylinder for panic device
1 year chart kept on key system
Extra key
Match existing key system
Interchangeable best type core (Const.)

HMCCMK MK for HMBCC



PARTS

Parker 1.5, 2 & 3 locks

HHBG3D

HHMBG2

HHMBG3

HHMBG3

HMPVC

Parker 1.5, 2 & 3 locks

1 x 2 ½ BS for DL-US3

1 x 2 ½ BS for Grade 2 - US3

1 x 2 ½ BS for Grade 3 - US3

Edge PVC Strip for DRIL Door



STRIKES

11/8 x 23/4 strike - US26D **HHSD** HHS3 11/8 x 23/4 strike - US3 HHS43 Strike, 11/4" x 41/8" US3 Strikes 11/4" x 47/8" US26D HHS4D **HHSED** 4% Elect. US26D **HHSSPM** Strike panic PR-SBL **HHSSP** High security replacement strike OHH-DP Option deadlock prep OHH-SR Option strike relocation

DOOR ACCESSORIES

WOOD MOULDING, ASTRAGALS & VENEER

MW80 8 ft. oak astragal, 5/16 x 13/6 MW8P 8 ft. pine astragal, 4/8 x 13/6 MWLB MId., wood lights, beech per lft. MWS7B Stiles, doors, for 7' birch MWV88 Veneer - 4' x 8', birch MWV80 Veneer - 4' x 8', oak MWVB Veneer - 3' x 7', birch

Veneer - 3' x 7', oak

MWVO

FILLERS

MMFF2S	Strike 2 ¾ ", for frame, steel
MMFF4S	Strike 4.7, for frame, steel
MMFF8S	Mortise edge, for doors, steel
MMFFCS	Cylinder face bore, f/door, stl
MMFFHS	Hinge 4.4", for door/frame, stl
MMFFIS	Inactive edge plate f/door, stl
MMFFLS	Latch edge plate, for door, stl
MMFFPS	Pressure fit hole, for frame, st
MMFFRS	Reversing swing, for door, stl
MMFFSS	Hinge shims, 4.4. door/frame
MMFMTC	Converts mort edge to cyl edge
MMFLPA	Latch prep adaptor (to 1-1/8")

IN STOCK

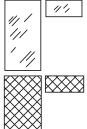
GLASS

METAL, MOULDINGS, ASTRAGALS & ANGLES

MS1AP	Mold 10', ½ x 1", primed steel
MS2AP	Mold 10', ½ x 2", primed steel
MS3AP	Mold 10', 2" x 2", primed steel
MS4AP	Mold 10', ½ x 4", primed steel
MS5AP	Mold 10', 4" x 4", primed steel
MS6AP	Mold 7'2", 3/8 x 1/2 P
MS7P	7 ft. metal astragal - flat
MS8P	8 ft. metal astragal - flat
MSGBP	Glazing bead per lft., .5 x 1" w/screv
MSLP	Lft mold special, Mtl lights
MMSEG	Blank, Edge Guard 8/0 (2)

See doors, frames, units detail sheets for any glass installed (glazed) in doors or frames

MMP MMS MMT MMTGLAS MMGG OMMX-GG	¼" wire glass - per sq ft ¼" safety glass - per sq ft ¼" tempered glass - per sq ft ¼" tempered glass - installed Size / Prep / Glazed See MMGG Size / Prep / Loose - See Note
MMGO OMMX-GO MMGA	Size / Prep / Loose - See Note See MMGO Glaze Aluminum (per panel)



PAINT & PRIMER

MMBEN	Dur bronze enamel-aer can910B
MMGAP	Galvacon, glvzg zinc prmr, USP
MMGOL	Gold brs lacq, arsl can/3/, gbl
MMSLD	Slvr almn lac, arsl cn/26D,32D/

MATCHING PANELS

Usually for transoms or sidelights		
MM_ MMPAN	Panel per sg pr - see note for size Sized, prepped & installed in frame	
LB LM LO MB MM MO	Labelled birch Labelled metal Labelled oak Matching birch Matching metal Matching oak	

IN THE FIELD

We can install, service or repair all your door opening requirements.

IN OUR SHOPS

We can repair even more effectively as well as customize your new or present openings to your specific needs. For example we can preinstall all hardware in door & frames.



We have the Rx to make your sick doors well.

PRICING

- · All prices are hourly, parts and supplies billed separately
- Hourly charge includes direct labor (Shop & Field), fringes, insurance, supervision & coordination, cleanup, material distributed from on site storage, overhead & amortization of equipment utilized
- All supplies and parts used (left on job or used in openings) this includes but is not limited to; bits, blades, discs, fillers, paint, caulking, reinforcements, rods, screws etc. will be billed separately.
- All hourly rates are charged to the next 1/2 hour increments
- Travel time field service charged hourly, one hour min
- All notes and work to be done & any parts & supplies used to be put on special detail sheet & work sheet, which will then activate billing after work is completed.

FIELD SERVICE, REPAIR, INSTALLATION

- SFSI-1 Hourly charge 1 man
- SFSI-2 Hourly charge 2 men
- SRLA Verification of rated opening for application of label. Warnock Hershey or Underwriters Lab hourly
- Parts & Supplies ? (as needed)
- SFOV Field Service Outside Vendor Job Price

SHOP REPAIR, CUSTOMIZE, PREINSTALL HARDWARE

- SSRW Pickup, handling and redelivery of customers material
- SSTT Special template for production One time charge
- SSXI Special production, repair customize, preinstall hardware in doors, frames hourly
- Parts and Supplies? (as Needed)

NOTES

- See door schedule for material, terms & important notes. All material must be tagged.
- Refuse & Debris removal & disposal by customer.
- Customer to have precleared any union or prevailing wage requirements.
- There must be a secured area for equipment & material storage.
- There must be on site during work an approver I.E. an individual who is authorized to sign off & approve, review & approve any extras in advance, approve shop work done, make & sign checks for COD if necessary, etc., etc.