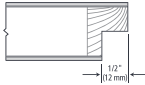
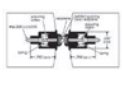


Standard Machining		
 Cylindrical lock	 Surface Panic Bar	 Bi-fold Preps (Bi-pass)
 Rim Cylinder	 Mortise Panic Bar	 Bi-fold Preps
 Mortise Lock	 Flush Pull	 All Types of Hinges
 Surface Bolts	 Roller Latch	 Drilled Pilot Holes
 Flush Bolt with Exterior Rod	 Viewer or Peephole	 Rabetted Stile or Rail 1/2" (12 mm)
 Corner Flush Bolt (Pair)	 Automatic Door Bottom	 Prefit and Bevel
 Magnetic Switch	 Edge Guard 1 11/16" O.D. 7/8"	Light Cut-out
Special Machining		
 Kick & Push Plate (Flush)	 Power Transfer Unit	 Astragal Set Up
 VING CARD Lock	 Electric Strike	 Concealed Overhead Stop
 TESA Lock	 Weather stripping (1 or 2 sides)	 Panic Bar with Concealed Vertical Rod
 Function Holes	 Radius Stile Per Edge	 Mortise for Pivots Top and Bottoms
 Concealed Flush Bolts with Extension Rod	 Floor Closer	 Mortise for Intermediate Pivot
Oversize Door Preps	Automatic Concealed Door Closer	Lead Lined (Pivots)
Special Routing 1 or 2 Stiles	Face Groove	Non-Standard Thicknesses
Insertions or Inlays	Fire Rated (20, 45, 60, 90 min)	Raceway Preps
Dutch Door	Others On Request	

MACHINING CONVERSION CHART	
MACHINING TYPE	BAILLARGEON'S MACHINING CODE*
CYLINDRICAL/DEAD LOCK	
Cylindrical + 2 hinges**	01, 01R, 03, 03R, 05, 05R, 07, 07R
Cylindrical + 3 hinges	31, 31R, 31L, 31A MS
Cylindrical + dead lock + 3 hinges	32, 33, 34, 39
Dead lock + 3 hinges	35, 36, 37, 38
Dead lock one side only	ND (Add to code, ex.: 32ND)
DUTCH DOOR	
4 hinges only	49
Cylindrical lock + 4 hinges	50
Cylindrical lock + flush bolt	
+ 4 hinges	51
Cylindrical lock + mortise door bolt + 4 hinges	52, 52G
Mortise lock + 4 hinges	55, 55G
Mortise lock + concealed flush bolt (top) + 4 hinges	56, 56G
Mortise lock + mortise door bolt + 4 hinges	57, 57G
2 cylindrical locks + 4 hinges	58, 59
MORTISES	
Mortise lock + 3 hinges	60, 61, 61MS, 61MSS
Mortise dead lock + 3 hinges	64, 64G
FLUSH BOLTS	
2 concealed flush bolts with extension rod + 3 hinges	66, 67
2 concealed flush bolts with rod + astragal + 3 hinges	66AST, 67AST
2 flush bolts without extension rod + 3 hinges	76, 77
2 flush bolts without rod + astragal + 3 hinges	76AST, 77AST
Flush bolt longer than 12"	V4
FIRE DOORS	
2 concealed flush bolts with rod + astragal + 3 hinges	66CFAST, 67CFAST
2 flush bolts without rod + astragal + 3 hinges	76CFAST, 77CFAST
Extra strike for door with metal astragal	GA CFAST

*See our price list for all details for each code.

**For doors of 1 3/8" only.

MACHINING CONVERSION CHART	
MACHINING TYPE	BAILLARGEON'S MACHINING CODE*
PANIC BAR	
Surface panic bar + 3 hinges	80
Mortise panic bar + 3 hinges	81
Panic bar with concealed vertical rod + 3 hinges	82
Panic bar with surface vertical rod + 3 hinges	83
OTHERS	
Pivots (top and bottom)	90
Intermediate pivot	90I
Concealed overhead stop	BAE
Concealed door closer	FPE
Flush pull	PE1, PE2
Roller latch	RoL1, RoL2
Raceway	Raceway
Electric power transfer	EPT
Electric strike	GE
Viewer or peephole	JD, JK
BI-FOLD DOORS	
Bi-fold preps (Crowder hardware)	C-106-4, C-105-4, C-400, C-405, C-500/C-600, CF-100, CF-115
HINGES	
2 hinges only**	02, 02R, 04, 04R, 06, 06R, 08, 08R
3 hinges only	30, 30R
Drilled pilot hole	PD3, PD4, PD5
C/C not equal	NE
5" x 4" & 4" x 4"	PX
Soss (invisible)	Soss
Extra hinges	3P, 4P, 5P
Non standard thicknesses	EP (Add to code, ex.: 02EP)
STRIKE	
Extra strike	GA
Extra strike for door with astragal	GA AST
Electric strike	GE

BAILLARGEON® SERIES

Machining

Size Charts

FORTE
OPENING SOLUTIONS

STANDARD SIZES

(imperial or metric)

Are considered standard cuts
width: 1/8" (3 mm) to 1/4" (6 mm),
height: 1/2" (13 mm) to 7/8" (22 mm).
All others will be considered irregular sizes.

NOTES

It is important to specify the net door dimensions for a metal frame

- For width : clearance of 1/8" (3 mm) for a wood frame and 3/16" (4.8 mm)
- For thickness : tolerance of +/- 1/16" (1.6 mm) is allowed 3/4" (19 mm) bottom
- For height : standard clearance of 7/8" (22 mm) total 1/8" (3 mm) top and 1/8" (3 mm) top and 1/2" (13 mm) bottom
- For height on non rated doors : clearance of 1/8" (3mm) top and refer to NFPA 80 or CNB for the bottom clearance.
- For all additional clearance, subtract the necessary clearance from nominal and give the net size

INFORMATION:

- Door quantities must be grouped. The door and options must be identical: same door construction, same species, same dimensions, same options and pre-machining.
- For all special pre-machining, a physical sample is required.
- Take note: Code 31A is equivalent to a 161 preparation on a metal door.
- Doors without adequate hardware reinforcements are not covered by the warranty.

IMPORTANT:

For any other measurements, supply elevation when ordering.
Always from top of door, see opposite chart.

FINISHED DOOR HEIGHT		
Subtract necessary clearance from nominal. See note to left.		
80"	6'-8"	2032 mm
82"	6'-10"	2083 mm
84"	7'-0"	2134 mm
96"	8'-0"	2438 mm
108"	9'-0"	2743 mm
120"	10'-0"	3048 mm

DOOR THICKNESS	
1-1/8"	29 mm
1-3/8"	35 mm
1-3/4"	45 mm
2-1/4"	57 mm

FINISHED DOOR WIDTH		
Subtract necessary tolerance from nominal. See note to left.		
12"	1'-0"	305 mm
14"	1'-2"	356 mm
16"	1'-4"	406 mm
18"	1'-6"	457 mm
20"	1'-8"	508 mm
24"	2'-0"	610 mm
26"	2'-2"	660 mm
28"	2'-4"	711 mm
30"	2'-6"	762 mm
32"	2'-8"	813 mm
34"	2'-10"	864 mm
36"	3'-0"	914 mm
38"	3'-2"	965 mm
40"	3'-4"	1016 mm
42"	3'-6"	1067 mm
44"	3'-8"	1118 mm
46"	3'-10"	1068 mm
48"	4'-0"	1219 mm

WEIGHT CHART	
DOOR	Lbs/sq.ft. vs Kg/sq.ft.
RMC45	5.0 lbs/sq. ft. = 2.26 kg/sq. ft.
RMC60	6.0 lbs/sq. ft. = 2.71 kg/sq. ft.
RMC90	6.0 lbs/sq. ft. = 2.71 kg/sq. ft.
6000	5.4 lbs/sq. ft. = 2.45 kg/sq. ft.
7000	4.9 lbs/sq. ft. = 2.22 kg/sq. ft.
7600	4.9 lbs/sq. ft. = 2.22 kg/sq. ft.
8100	4.5 lbs/sq. ft. = 2.04 kg/sq. ft.
8200	4.5 lbs/sq. ft. = 2.04 kg/sq. ft.
8300	5.0 lbs/sq. ft. = 2.26 kg/sq. ft.
8500	4.8 lbs/sq. ft. = 2.18 kg/sq. ft.
8513	5.0 lbs/sq. ft. = 2.26 kg/sq. ft.
8600	4.5 lbs/sq. ft. = 2.04 kg/sq. ft.
9100	1.0 lb/sq. ft. = 0.45 kg/sq. ft.
9300	2.6 lbs/sq. ft. = 1.18 kg/sq. ft.
9500	2.4 lbs/sq. ft. = 1.09 kg/sq. ft.
9600	1.4 lbs/sq. ft. = 0.63 kg/sq. ft.
AF45/60	5.0 lbs/sq. ft. = 2.26 kg/sq. ft.
FR00	4.5 lbs/sq. ft. = 2.04 kg/sq. ft.
PC5	4.5 lbs/sq. ft. = 2.04 kg/sq. ft.
SR35	6.5 lbs/sq. ft. = 2.95 kg/sq. ft.
SR39/SR40	7.4 lbs/sq. ft. = 3.36 kg/sq. ft.
SR41/ SR42/ SR43	8.8 lbs/sq. ft. = 4.00 kg/sq. ft.
SR44/ SR45/ SR46	10.6 lbs/sq. ft. = 4.82 kg/sq. ft.
SR4145/ SR4245/SR4345	10.7 lbs/sq. ft. = 4.85 kg/sq. ft.
SR4545	10.4 lbs/sq. ft. = 4.73 kg/sq. ft.
Weight calculated with 2 ply door skin for a 1-3/4" door.	

STANDARD BAILLARGEON MEASUREMENTS FOR PRE-MACHINING					
DOOR HEIGHT	HINGE HEIGHT FROM TOP OF DOOR TO TOP OF HINGE 4 1/2" X 4" X 0.134"	LOCK HEIGHT FROM TOP OF DOOR TO CENTER OF CYLINDRICAL 2 1/8" TO 2 3/4" BACKSET - LATCH 1" X 2 1/4" OR 1 1/8" X 2 1/4"	MORTISED LOCK HEIGHT FROM TOP OF DOOR TO C/L OF FACE PLATE 1 1/4" X 8"		
79 1/8"	1 st 7.375" 2nd 37.312" 3rd 67.25"	A = 39.562"	B = 39.937"		
81 1/8"	1 st 7.375" 2nd 38.312" 3rd 69.25"	A = 41.562"	B = 41.937"		
83 1/8"	1 st 7.375" 2nd 39.312" 3rd 71.25"	A = 43.562"	B = 43.937"		
95 1/8"	1 st 7.375" 2nd 32.667" 3rd 57.959" 4th 83.250"	A = 55.562"	B = 55.937"		