

# Northwestern

## FACILITIES

### CHICAGO CAMPUS

### DIVISION 8 – OPENINGS

### SECTION 08 7100 – Typical Door Hardware Schedule

#### **FINISHES AND BASE MATERIALS:**

- A. FINISHES: **Verify requirements for individual projects**
1. Standard: Comply with BHMA A156.18.
  2. BHMA Designations: Comply with base material and finish requirements indicated by the following:
    - a. BHMA 600 (USP): Primed for painting, over steel base metal.
    - b. BHMA 626 (US26D): Satin chromium plated over nickel, over brass or bronze base metal.
    - c. BHMA 628 (US28): Satin aluminum, clear anodized, over aluminum base metal.
    - d. BHMA 630 (US32D): Satin stainless steel, over stainless-steel base metal.
    - e. BHMA 652 (US26D): Satin chromium plated over nickel, over steel base metal.
    - f. BHMA 689 (ALUM): Aluminum painted, over any base metal.

B. FINISH SCHEDULE:

<u>HARDWARE ITEM</u>	<u>FINISH AND BASE MATERIAL</u>
1. Exterior Butt Hinges:	BHMA 630 BHMA 630
2. Interior Butt Hinges:	BHMA 630 BHMA 630
3. Continuous Gear Hinges:	BHMA 630 BHMA 630
4. Pivot Sets:	BHMA 630 BHMA 630
5. Flush Bolts:	BHMA 630 BHMA 630
6. Locks and Latches:	BHMA 630 BHMA 630
7. Cylinders:	BHMA 630 BHMA 630
8. Exit Devices	BHMA 630 BHMA 630
9. Removable Mullions	BHMA 600 (USP)
10. Push / Pulls:	BHMA 630 (US32D)
11. Coordinators:	BHMA 600 (USP)
12. Closers:	BHMA 689 (ALUM)
13. Automatic Operators:	BHMA 689 (ALUM)
14. Protection Plates:	BHMA 630 (US32D)
15. Overhead Stops / Holders:	BHMA 626 (US26D)
16. Wall and Floor Stops:	BHMA 626 (US26D)
17. Magnetic Holders:	BHMA 628 (US28)
18. Thresholds and Gasketing:	BHMA 628 (US28)
19. Key Cabinet:	BHMA 600 (USP)
20. Electric Strikes:	BHMA 630 (US32D)
21. Magnetic Locks:	BHMA 630 (US32D)

Or Match Existing

Sample hardware sets: These hardware sets are only samples it is the Architects responsibility to review door swing, door size, door type and frequency of use to provide the proper hardware as directed in the guide.

1	Typical Out Swing Classroom Door.			
	3 Hinges	TA714 4 ½ X 4 ½ NRP	630	MC
	1 Lockset	ML2051/2055 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	ME
	1 Door Stop	480	626	RO
	1 Kick Plate	KP50 10" x 2" LDW x B4E x CSK	630	MC
2	Typical Out Swing Classroom Door – Fire Rated			
	3 Hinges	TA714 4 ½ X 4 ½ NRP	630	MC
	1 Lockset	ML2051/2055 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	ME
	1 Closer	4040XP	689	CR
	1 Door Stop	480	626	RO
	1 Kick Plate	KP50 10" x 2" LDW x B4E x CSK	630	MC
3	Typical In-Swing Classroom Door			
	3 Hinges	TA714 4 1/2 X 4 1/2	630	MC
	1 Lockset	ML2051/2055 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	ME
	1 Door Stop	480	626	RO
	1 Kick Plate	KP50 10" x 2" LDW x B4E x CSK	630	MC
4	Typical In-Swing Classroom Door – Fire Rated			
	3 Hinges	TA714 4 1/2 X 4 1/2	630	MC
	1 Lockset	ML2051/2055 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	ME
	1 Closer	4040XP	689	CR
	1 Door Stop	480	626	RO
	1 Kick Plate	KP50 10" x 2" LDW x B4E x CSK	630	MC
5	Typical Office In-swing Office – Fire Rated.			
	3 Hinges	TA714 4 ½ X 4 ½	630	MC
	1 Lockset	ML2051 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	ME
	1 Closer	4040XP	689	CR
	1 Door Stop	480	626	RO
	1 Gasketing	S88 C		PE
	1 Door Sweep	18061 CNB		PE
6	Typical Office Out Swing – Fire Rated.			
	3 Hinges	TA714 4 ½ X 4 ½ NRP	630	MC
	1 Lockset	ML2051 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	ME
	1 Closer	4040XP	689	CR
	1 Door Stop	480	626	RO
	1 Gasketing	S88 C		PE
	1 Door Sweep	18061 CNB		PE

7	Typical Office Out Swing – Non Rated.			
	3 Hinges	TA714 4 ½ X 4 ½ NRP	630	MC
	1 Lockset	ML2051 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	ME
	1 Door Stop	480	626	RO
8	Typical Office Suite Entry Out Swing - Rated			
	3 Hinges	TA714 4 ½ X 4 ½ NRP	630	MC
	1 Lockset	ML2051 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	ME
	1 Closer	4040XP	689	CR
	1 Door Stop	480	626	RO
	1 Gasketing	S88 C		PE
	1 Door Sweep	18061 CNB		PE
9	Typical Office Suite Entry – Non Rated			
	3 Hinges	TA714 4 ½ X 4 ½ NRP	630	MC
	1 Lockset	ML2051 CSA MR LC	630	CR
	1 Closer	4040XP	689	CR
	1 Mortise Cylinder	By Owner	630	ME
	1 Door Stop	480	626	RO
10	Typical Privacy In Swing- Rated.			
	3 Hinges	TA714 4 1/2 X 4 1/2	630	MC
	1 Privacy Set	ML2069 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	MC
	1 Closer	4040XP	689	CR
	1 Wall Stop	WS03	626	MC
	1 Gasketing	S88 C		PE
	1 Door Sweep	18061 CNB		PE
11	Typical Privacy – Non Rated.			
	3 Hinges	TA714 4 1/2 X 4 1/2	630	MC
	1 Privacy Set	ML2069 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	630	MC
	1 Wall Stop	WS03	626	MC
12	Typical Multi-User Toilet Room- Out Swing.			
	3 Hinges	TA714 4 1/2 X 4 1/2	630	MC
	1 Push Plate	P055 CTC	630	MC
	1 Door Pull	DP08	630	MC
	1 Deadbolt	ML2012 MR LC	630	CR
	2 Mortise Cylinder	By Owner	630	ME
	1 Closer	4040XP	689	CR
	1 Door Stop	480	626	RO
	1 Kick Plate	KP50 10" x 2" LDW x B4E x CSK	630	MC
	1 Mop Plate	KP50 4" x 1" LDW x B4E x CSK	630	MC
	1 Door Sweep	18061 CNB		PE
	1 Gasket Set	S88 C		PE

13	Typical Multi-User Toilet Room- In Swing.			
	3 Hinges	TA714 4 1/2 X 4 1/2	630	MC
	1 Push Plate	P055 CTC	630	MC
	1 Door Pull	DP08	630	MC
	1 Deadbolt	ML2012 LC	630	CR
	2 Mortise Cylinder	By Owner	630	ME
	1 Closer	4040XP	689	CR
	1 Door Stop	480	626	RO
	1 Kick Plate	KP50 10" x 2" LDW x B4E x CSK	630	MC
	1 Mop Plate	KP50 4" x 1" LDW x B4E x CSK	630	MC
	1 Door Sweep	18061 CNB		PE
	1 Gasket Set	S88 C		PE
14	Typical Janitor Closet – Out Swing			
	3 Hinges	TA714 4 1/2 X 4 1/2 NRP	630	MC
	1 Lockset	ML2057 CSA MR LC	630	CR
	1 Mortise Cylinder	By Owner	626	ME
	1 Closer	4040XP	689	CR
	1 Kick Plate	KP50 10" x 2" LDW x B4E x CSK	630	MC
	1 Door Sweep	18061 CNB		PE
	1 Gasket Set	S88 C		PE
15	Typical Storage Room Hazardous Area– Out Swing			
	3 Hinges	TA714 4 1/2 X 4 1/2 NRP	630	MC
	1 Lockset	ML2057 CSA LC	630	CR
	1 Mortise Cylinder	By Owner	626	ME
	1 Closer	4040XP	689	CR
	1 Kick Plate	KP50 10" x 2" LDW x B4E x CSK	630	MC
	1 Door Sweep	18061 CNB		PE
	1 Gasket Set	S88 C		PE
16	Typical Stair Door			
	3 Hinges	TA714 4 1/2 X 4 1/2 NRP	630	MC
	1 Exit Device	ED5200A C910	630	CR
	1 Closer	4040XP	689	CR
	1 Wall Stop	WS03	US26D	MC
	1 Protection Plate	K1050 10" x 2" LDW x B4E x CSK	US32D	RO
	3 Door Silencers	S1M		MC
17	Typical Cross Corridor Pair – Held Open			
	6 Hinges	TA786 4 1/2 X 4 1/2 NRP	630	MC
	1 Exit Device	ED5400A C910	630	CR
	1 Exit Device	ED5400A C910	630	CR
	2 Closer	4040XP	689	MR
	2 Magnetic Holder	990 Series	689	RX
	1 Kick Plate	KP50 10" x 1" LDW x B4E x CSK	630	MC
	2 Meeting Stile Set	18041 CNB		PE
	2 Gasket Set	S88 C		PE