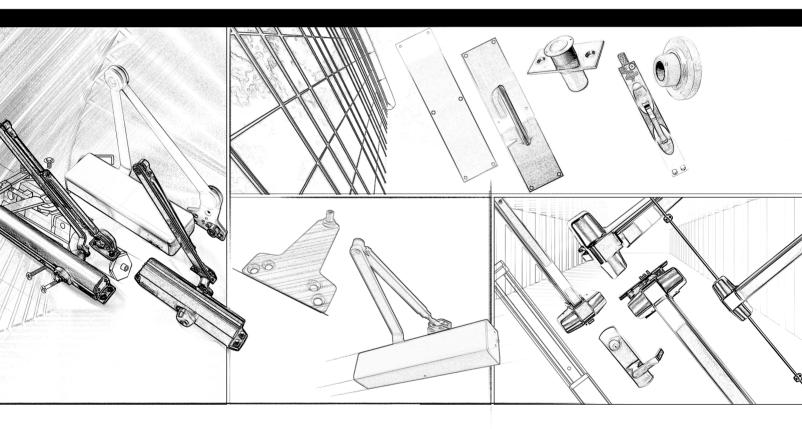
# Cylindrical Locksets, Exit Devices, Door Closers, Auxiliary Hardware

Hospitality, Commercial Applications Mechanical & Electrified



Chapter 1: Exit Devices Chapter 2: Door Closers Chapter 3: Accessories

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UNISON HARDWARE INC.



## **CL Series Cylindrical Locksets**

ANSI Grade 1



|                               |                           |          |       | ish      |
|-------------------------------|---------------------------|----------|-------|----------|
| CL07 Lever                    |                           |          | 26D   | 10B, 19G |
| Туре                          | Description               | Item No. | Pri   | ce       |
|                               | Passage Lock              | CL0710   | \$348 | \$368    |
| Non-Keyed Lock                | Bath/Bedroom Privacy Lock | CL0740   | \$348 | \$368    |
|                               | Single Dummy Trim         | CL0717   | \$178 | \$198    |
| -<br>Keyed Lock               | Office Lock               | CL0750   | \$358 | \$378    |
|                               | Entrance Lock             | CL0753   | \$358 | \$378    |
| Reyeu Lock                    | Classroom Lock            | CL0770   | \$378 | \$398    |
|                               | Storeroom Lock            | CL0780   | \$368 | \$388    |
|                               | Office Lock               | CL0750IC | \$388 | \$408    |
| SFIC Less Core <sup>7</sup> – | Entrance Lock             | CL0753IC | \$358 | \$378    |
|                               | Classroom Lock            | CL0770IC | \$428 | \$448    |
|                               | Storeroom Lock            | CL0780IC | \$418 | \$438    |

CL Series Locksets are 2-3/4" Backset

Clutch function Standard

Cylindrical Locksets can be ordered to lock (EL) or unlock (EU) electrically. See page 5 for service codes and upcharge

ASA Strike included; Full Lip or T-Strike on request

<sup>7</sup>Add IC for SFIC Less Core, Order core separately; specify 6 or 7 pin



### **BL Series Cylindrical Locksets**

ANSI Grade 2

|                             |                         |          |       |         | Finish   |         |
|-----------------------------|-------------------------|----------|-------|---------|----------|---------|
|                             |                         |          |       |         | FIIIISII |         |
| BL07 Lever                  | BLC                     | 09 Lever | 26D   | 26, 10B | 19G      | PVD4    |
| Туре                        | Description             | Item No. |       |         | Price    |         |
|                             | Passage Lock            | BL0710   | \$198 | \$208   | \$208    | \$218   |
|                             | rassage LUCK            | BL0910   | 2120  | \$200   | 200      |         |
|                             | Bath/Bedroom Privacy    | BL0740   | ć pop | 6210    | 6210     | 6220    |
|                             | Lock                    | BL0940   | \$208 | \$218   | \$218    | \$228   |
| Non-Keyed Lock              |                         | BL0725   |       | \$208   | \$208    | \$218   |
|                             | Communicating/Exit Lock | BL0925   | \$198 |         |          |         |
|                             | Single Dummy Trim       | BL0717   | \$68  | \$78    | \$78     | \$88    |
|                             |                         | BL0917   |       |         |          |         |
|                             | Entrance Lock           | BL0753   | \$208 | \$218   | \$218    | \$228   |
|                             |                         | BL0953   |       |         |          |         |
| Kayad Laak                  |                         | BL0770   | \$208 | \$218   |          | \$228   |
| Keyed Lock                  | Classroom Lock          | BL0970   |       |         | \$218    | \$228   |
|                             |                         | BL0780   | +200  | 624.0   | 624.0    |         |
|                             | Storeroom Lock          | BL0980   | \$208 | \$218   | \$218    | \$228   |
| Clutched Keyed              | Entrance Lock           | BL0753CL | ć pop | 6010    | 6210     | ¢ ၁ . o |
| Locks                       | ENURANCE LOCK           | BL0953CL | \$208 | \$218   | \$218    | \$228   |
|                             | Entren 1                | BL0753IC | \$238 | N/A     | \$248    | \$258   |
|                             | Entrance Lock           | BL0953IC | N/A   | N/A     | N/A      | \$258   |
| SFIC Less Core <sup>7</sup> | Classroom Lock          | BL0770IC | \$238 | N/A     | \$248    | \$258   |
|                             | Storeroom Lock          | BL0780IC | \$238 | N/A     | \$248    | \$258   |

BL Series Locksets are 2-3/4" Backset with removable thru-bolt

BL Rosettes are 3-3/8"

Cylindrical Locksets can be ordered to lock (EL) or unlock (EU) electrically. See page 5 for service codes and upcharge

ASA Strike included; Full Lip or T-Strike on request

<sup>7</sup>Add IC for SFIC Less Core, Order core separately; specify 6 or 7 pin



# **BM Series Cylindrical Locksets**

ANSI Grade 2

|                |                             |          | Fini   | sh      |
|----------------|-----------------------------|----------|--------|---------|
| BM07 Lever     | BM09 Lever                  |          | 26D    | 19G     |
| Туре           | Description                 | Item No. | Pri    | ce      |
|                | Passage Lock                | BM0710   | \$158  | \$178   |
|                | r ussage Lock               | BM0910   | 2150   | 0 / ۱ Ç |
| Non-Keyed Lock | Bath/Bedroom Privacy Lock — | BM0740   | \$168  | \$188   |
| Non-Neyed LOCK |                             | BM0940   | \$100  | 2100    |
|                | Single Dummy Trim           | BM0717   | - \$88 | \$108   |
|                |                             | BM0917   |        | Ş100    |
|                | Entrance Lock               | BM0753   | \$178  | \$198   |
|                | Entrance LOCK               | BM0953   | \$170  | \$190   |
| Kayad Lask     | Classroom Look              | BM0770   | ć170   | ć100    |
| Keyed Lock     | Classroom Lock              | BM0970   | \$178  | \$198   |
|                | Ctororoom Lock              | BM0780   | ¢170   | ¢100    |
|                | Storeroom Lock              | BM0980   | \$178  | \$198   |

BM Rosettes are 3"

ASA Strike included; Full Lip or T-Strike on request

### Service Codes for Electrified Cylindrical Locksets

| Description   | Item No.        | Price   |
|---|-----------------|---------|
| SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 12V Voltage                          | SV-CL-EL12V     | \$1,068 |
| SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 24V Voltage                          | SV-CL-EL24V     | \$1,068 |
| SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 12V Voltage                        | SV-CL-EU12V     | \$1,068 |
| SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 24V Voltage                        | SV-CL-EU24V     | \$1,068 |
| <b>SERVICE CODE:</b> Electrification of Cylindrical Lock, Fail Safe 12V Voltage with REX Switch   | SV-CL-EL12V-REX | \$1,218 |
| <b>SERVICE CODE:</b> Electrification of Cylindrical Lock, Fail Safe 24V Voltage with REX Switch   | SV-CL-EL24V-REX | \$1,218 |
| <b>SERVICE CODE:</b> Electrification of Cylindrical Lock, Fail Secure 12V Voltage with REX Switch | SV-CL-EU12V-REX | \$1,218 |
| <b>SERVICE CODE:</b> Electrification of Cylindrical Lock, Fail Secure 24V Voltage with REX Switch | SV-CL-EU24V-REX | \$1,218 |

Add service code and upcharge price as a separate line item to order electrified locking (EL) or electrified unlocking (EU) locks. In case of power outage, EL locks are Fail Safe and EU locks are Fail Secure.



#### **CX Series Deadbolts**

ANSI Grade 1



|                          |                      | Finish |       |       |
|--------------------------|----------------------|--------|-------|-------|
|                          |                      | 26D    | 19G   | 10B   |
| Description              | Item No.             |        | Price |       |
| Single Cylinder Deadbolt | CX660                | \$228  | \$258 | \$258 |
| Double Cylinder Deadbolt | CX662                | \$258  | N/A   | \$268 |
| Single Cylinder IC Core  | CX660IC <sup>7</sup> | \$328  | N/A   | N/A   |

CX Rosettes are 2-1/2"

<sup>7</sup>Add IC for SFIC Less Core, Order core separately; specify 6 or 7 pin

### **BX Series Deadbolts**

ANSI Grade 2



|                          |                      |       | Finish  |       |  |
|--------------------------|----------------------|-------|---------|-------|--|
|                          |                      | 26D   | 26, 10B | 19G   |  |
| Description              | Item No.             |       | Price   |       |  |
| Single Cylinder Deadbolt | BX660                | \$128 | \$158   | \$158 |  |
| Double Cylinder Deadbolt | BX662                | \$148 | \$178   | \$178 |  |
| Single Cylinder IC Core  | BX660IC <sup>7</sup> | \$308 | N/A     | N/A   |  |

BX Rosettes are 2-1/2"

<sup>7</sup>Add IC for SFIC Less Core, Order core separately; specify 6 or 7 pin



#### ANSI Grade 1 MC7000 Mortise with RS Rose

| RS02                           | <b>Finish</b><br>26D         |                |                     |       |
|--------------------------------|------------------------------|----------------|---------------------|-------|
| Туре                           | Description                  | Levers         | Function            | Price |
| Non Keyed Lock                 | Passage Lock                 | RS02/RS07/RS09 | MC7010              | \$548 |
| Non-Keyed Lock                 | Privacy Lock                 | RS02/RS07/RS09 | MC7040              | \$618 |
|                                | Office & Inner Entry Lock    | RS02/RS07/RS09 | MC7050              | \$688 |
| Single Cylinder<br>No Deadbolt | Classroom Lock               | RS02/RS07/RS09 | MC7070              | \$688 |
|                                | Storeroom Lock               | RS02/RS07/RS09 | MC7080              | \$688 |
| Single Cylinder                | Entrance Lock with Toggle    | RS02/RS07/RS09 | MC7453 <sup>7</sup> | \$717 |
| with Deadbolt                  | Entrance Lock without Toggle | RS02/RS07/RS09 | MC7438 <sup>7</sup> | \$717 |

All mortise locksets are standard with clutch function

Mortise Locksets can be ordered to lock (EL) or unlock (EU) electrically. See page 8 for service codes and upcharge

<sup>7</sup>Add IC for SFIC Less Core, Order core separately; specify 6 or 7 pin.



#### **ANSI Grade 1 MS500 Mortise Deadbolt**

|               |                  |                  | 1-6             |      |            |          | Fin   | ish      |
|---------------|------------------|------------------|-----------------|------|------------|----------|-------|----------|
| GR02          | GR04             | GR07             | MS500           | GT02 | GT04       | GT07     | 32D   | 10B, 19G |
|               | De               | escription       |                 | Th   | umbturn    | Function | Pri   | ce       |
| Deadbolt - Si | ingle Cylinder w | vith Thumbturn   |                 | GR02 | /GR04/GR07 | MS560    | \$358 | \$378    |
| Deadbolt - D  | ouble Cylinder   |                  |                 |      | -          | MS562    | \$408 | \$428    |
| Deadbolt - Si | ingle Cylinder w | vithout Thumbt   | urn             |      | -          | MS564    | \$308 | \$328    |
| Deadbolt - Tl | numbturn only    |                  |                 | GR02 | /GR04/GR07 | MS545    | \$298 | \$318    |
| Deadbolt - Tl | numbturn by Co   | pin Turn Release | 2               | GR02 | /GR04/GR07 | MS547    | \$318 | \$328    |
| Deadbolt - Tl | numbturn by Co   | oin Turn Release | e and Indicator | GT02 | /GT04/GT07 | MS546    | \$228 | \$338    |

MS Series Grade 1 Small Deadbolt, 1-1/4"

Mortise Cylinder with Schlage L Cam Standard, 2-3/4" (70mm) Backset, ASA Strike

All cylinders are keyed different for standard order. Other keying service available.

#### **Thick Door Kits**

| MS500 Mortise Deadbolt TDKs |                 |                 |       |
|-----------------------------|-----------------|-----------------|-------|
| 2"                          | Double Cylinder | TDK-DBM2DC      | \$168 |
| 2                           | Privacy         | TDK-DBM2PV      | \$33  |
|                             | Double Cylinder | TDK-DBM212DC    | \$168 |
| 2-1/2"                      | Single Cylinder | TDK-DBM212SC    | \$114 |
|                             | Privacy         | TDK-DBM212PV    | \$33  |
| 2-1/2" to 2-3/4"            | Communicating   | TDK-DBM212234CM | \$33  |
|                             | Double Cylinder | TDK-DBM234DC    | \$168 |
| 2-3/4"                      | Single Cylinder | TDK-DBM234SC    | \$114 |
|                             | Privacy         | TDK-DBM234PV    | \$33  |
|                             | Double Cylinder | TDK-DBM3DC      | \$168 |
| 3"                          | Single Cylinder | TDK-DBM3SC      | \$114 |
|                             | Privacy         | TDK-DBM3PV      | \$33  |
|                             | Communicating   | TDK-DBM3CM      | \$33  |

#### HOW TO ORDER MORTISE DEADBOLT

Example: Mortise Deadbolt single cylinder with GR04 thumbturn, Satin Stainless Steel, IC Core Cylinder, Keyed Alike

| Thumbturn | Lock | Function | Finish | Cylinder | Keying |
|-----------|------|----------|--------|----------|--------|
| GR04      | MS5  | 60       | 32D    | IC       | KA     |



# Thumbturn Only Compatible with MC7000 Series Lockcases

|                |                 |  | Finish |      |          |      |         |
|----------------|-----------------|--|--------|------|----------|------|---------|
|                |                 |  | 32D    | 32   | 10B, 19G | PVD4 | CeraMax |
| Illustration   | ltem Code       | Description  |        |      | Price    |      |         |
| Round Rosette  |                 |  |        |      |          |      |         |
|                | EC-R460TT07-ADA | ADA Thumbturn TT07 on<br>D.46mm Round Rosette  | \$54   | \$60 | \$65     | \$68 | \$124   |
|                | EC-R460TT04     | Thumbturn TT04 on D.46mm<br>Round Rosette  | \$48   | \$54 | \$59     | \$62 | \$118   |
| Ø              | EC-R460TT02     | Thumbturn TT02 on D.46mm<br>Round Rosette  | \$48   | \$54 | N/A      | N/A  | \$118   |
|                | EC-R530TT07-ADA | ADA Thumbturn on D.53mm<br>Round Rosette *Special<br>thumbturn door prep required*   | \$78   | \$84 | N/A      | \$92 | \$148   |
|                | EC-R530TT04     | Thumbturn TT04 on D.53mm<br>Round Rosette *Special<br>thumbturn door prep required*  | \$60   | \$66 | N/A      | N/A  | \$130   |
|                | EC-R530TT02     | Thumbturn TT02 on D.53mm<br>Round Rosette *Special<br>thumbturn door prep required*  | \$60   | \$66 | N/A      | N/A  | \$130   |
| Square Rosette | 2               |  |        |      |          |      |         |
|                | EC-S420TT07-ADA | ADA Thumbturn TT07 on<br>D.42mm Square Rosette                                       | \$79   | \$85 | \$90     | N/A  | \$149   |
|                | EC-S420TT04     | Thumbturn TT04 on D.42mm<br>Square Rosette   | \$60   | \$66 | \$71     | N/A  | \$130   |
| D              | EC-S420TT02     | Thumbturn TT02 on D.42mm<br>Square Rosette   | \$60   | \$66 | N/A      | N/A  | \$130   |
|                | EC-S530TT07-ADA | ADA Thumbturn on D.53mm<br>Square Rosette *Special<br>thumbturn door prep required*  | \$78   | \$84 | N/A      | N/A  | \$148   |
|                | EC-S530TT04     | Thumbturn TT04 on D.53mm<br>Square Rosette *Special<br>thumbturn door prep required* | \$72   | \$78 | N/A      | N/A  | \$142   |
|                | EC-S530TT02     | Thumbturn TT02 on D.53mm<br>Square Rosette *Special<br>thumbturn door prep required* | \$72   | \$78 | N/A      | N/A  | \$142   |

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### Service Codes for Electrified Mortise Locksets (without deadbolt)

| Description   | Item No.        | Price |
|---|-----------------|-------|
| SERVICE CODE: Electrification of Mortise Lock, Fail Safe 12V Voltage                          | SV-MC-EL12V     | \$748 |
| SERVICE CODE: Electrification of Mortise Lock, Fail Safe 24V Voltage                          | SV-MC-EL24V     | \$748 |
| SERVICE CODE: Electrification of Mortise Lock, Fail Secure 12V Voltage                        | SV-MC-EU12V     | \$748 |
| SERVICE CODE: Electrification of Mortise Lock, Fail Secure 24V Voltage                        | SV-MC-EU24V     | \$748 |
| <b>SERVICE CODE:</b> Electrification of Mortise Lock, Fail Safe 12V Voltage with REX Switch   | SV-MC-EL12V-REX | \$748 |
| <b>SERVICE CODE:</b> Electrification of Mortise Lock, Fail Safe 24V Voltage with REX Switch   | SV-MC-EL24V-REX | \$748 |
| <b>SERVICE CODE:</b> Electrification of Mortise Lock, Fail Secure 12V Voltage with REX Switch | SV-MC-EU12V-REX | \$748 |
| <b>SERVICE CODE:</b> Electrification of Mortise Lock, Fail Secure 24V Voltage with REX Switch | SV-MC-EU24V-REX | \$748 |

Add service code and upcharge price as a separate line item to order electrified locking (EL) or electrified unlocking (EU) locks. In case of power outage, EL locks are Fail Safe and EU locks are Fail Secure.

Electrification Services are standard for MC7040 (Privacy) and MC7050 (Office) function. For Electrification Services for MC7080 (Storeroom) please contact Sales/Account Manager for more information.



#### **ED93 Exit Device**

ANSI Grade 1

|       |   |                           |         | Finish  |         |
|-------|---|---------------------------|---------|---------|---------|
|       |   |                           | 32D     | 19G     | DU      |
| Image | Description   | Item No.                  |         | Price   |         |
|       | ED93, RIM Exit Device, 36"  | ED93-RIM36                | \$1,028 | \$1,028 | \$1,028 |
|       | ED93F, RIM Exit Device, 36" Fire Rated                                | ED93F-RIM36               | \$1,168 | \$1,168 | \$1,168 |
|       | ED93, RIM Exit Device, 48"  | ED93-RIM48                | \$1,068 | \$1,068 | \$1,068 |
|       | ED93F, RIM Exit Device, 48" Fire Rated                                | ED93F-RIM48               | \$1,228 | \$1,228 | \$1,228 |
|       | ED93F, Surface Vertical Rod<br>36" x 84" Fire Rated                   | ED93F-SVR3684             | \$1,658 | \$1,658 | \$1,658 |
|       | ED93F, Less Bottom Rod, 36" x 84" Fire<br>Rated (Pair Only)           | ED93F-LBR3684PR           | \$3,448 | N/A     | N/A     |
|       | ED93F Mortise, 36" Fire Rated   | ED93F-MED0836-LHR or RHR  | \$1,618 | N/A     | N/A     |
|       | ED93F Concealed Vertical Rod for Metal<br>Door, 36" x 84", Fire Rated | ED93F-CVRM3684-LHR or RHR | \$2,208 | N/A     | N/A     |
|       | ED93F Concealed Vertical Rod for Wood<br>Door, 36" x 84", Fire Rated  | ED93F-CVRW3684-LHR or RHR | \$2,208 | N/A     | N/A     |

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#### **ED70 Exit Device**

ANSI Grade 1

|       |  |                 | Finish  |         |       |         |
|-------|--|-----------------|---------|---------|-------|---------|
|       |  |                 | 32D     | 19G     | AL    | DU      |
| Image | Description  | ltem No.        |         | Pri     | ce    |         |
|       | ED70, RIM Exit Device, 36"                                 | ED70-RIM36      | \$758   | \$548   | \$468 | \$468   |
|       | ED70F, RIM Exit Device, 36" Fire Rated                     | ED70F-RIM36     | \$808   | \$598   | \$518 | \$518   |
|       | ED70, RIM Exit Device, 48"                                 | ED70-RIM48      | \$818   | \$608   | N/A   | \$528   |
|       | ED70F, RIM Exit Device, 48" Fire Rated                     | ED70F-RIM48     | \$858   | \$658   | N/A   | \$578   |
|       | ED70F, Surface Vertical Rod<br>36" x 84" Fire Rated        | ED70F-SVR3684   | \$1,028 | \$1,028 | N/A   | \$818   |
|       | ED70F, Less Bottom Rod<br>36" x 84" Fire Rated (Pair Only) | ED70F-LBR3684PR | \$2,068 | \$2,068 | N/A   | \$1,578 |



#### **ED81 Exit Device**

ANSI Grade 1

|       |   |                 | Finish  |       |         |
|-------|---|-----------------|---------|-------|---------|
|       |   |                 | 32D     | 19G   | 10B     |
| Image | Description   | Item No.        |         | Price |         |
|       | ED81, RIM Exit Device, 36"  | ED81NS-RIM36    | \$988   | N/A   | \$1,058 |
|       | ED81, RIM Exit Device, 48"  | ED81NS-RIM48    | \$1,088 | N/A   | \$1,128 |
|       | ED81, Concealed Vertical Rod for Metal<br>Door, 36" x 84", Fire Rated | ED8INS-CVRM3684 | \$1,428 | N/A   | \$1,438 |

#### **Exit Device Trim**

Trim for ED81 Series

|       |  |            | Finish |       |
|-------|--|------------|--------|-------|
|       |  |            | 10B    | 26D   |
| Image | Description  | Item No.   | Pri    | ice   |
|       | Escutcheon Trim with 07 Lever, Entry<br><i>Mortise Cylinder Included</i>       | ED81ES07EN | \$448  | \$428 |
|       | Escutcheon Trim with 07 Lever, Night Latch<br><i>Mortise Cylinder Included</i> | ED81ES07NL | \$448  | \$428 |



Trim for ED93/ED70 Series RIM, SVR, LBR

|       |   |          | Finish |       |       |
|-------|---|----------|--------|-------|-------|
|       |   |          | 19G    | 26D   | DU    |
| Image | Description   | Item No. |        | Price |       |
|       | Cylindrical Trim with 07 Lever<br>Entry                                 | EDCR07EN | N/A    | \$238 | N/A   |
| e     | Cylindrical Trim with 07 Lever<br>Night Latch                           | EDCR07NL | N/A    | \$238 | N/A   |
|       | Cylindrical Trim with 07 Lever<br>Passage                               | EDCR07BE | N/A    | \$228 | N/A   |
|       | Cylindrical Trim with 07 Lever<br>Dummy                                 | EDCR07DM | N/A    | \$228 | N/A   |
|       | Escutcheon Trim with 07 Lever, Entry<br>Mortise Cylinder Included       | EDES07EN | \$388  | \$388 | \$388 |
|       | Escutcheon Trim with 07 Lever, Night<br>Latch Mortise Cylinder Included | EDES07NL | \$388  | \$388 | \$388 |
|       | Escutcheon Trim with 07 Lever, Passage                                  | EDES07BE | \$358  | \$358 | \$358 |
|       | Escutcheon Trim with 07 Lever, Dummy                                    | EDES07DM | \$358  | \$358 | \$358 |

| X    | XSF Trim                                |  |            |   | Finish                                |       |       |
|------|---|--|------------|---|---------------------------------------|-------|-------|
| Trir | Trim for ED93/ED70 Series RIM, SVR, LBR |  | 32D        | CGY, CDB<br>C19G, C19   |                                       |       |       |
|      | Image                                   | Description  | ltem No.   | Lever Design  | Function                              | Pri   | ce    |
|      | <b>@</b>                                | Entry<br>Mortise Cylinder Included                   |            | 201 Cologne<br>202 Munich<br>205 Frankfurt  | EN                                    | \$588 | \$748 |
|      |   | Night Latch / Storeroom<br>Mortise Cylinder Included | - EDES-XSF | EDES-XSF<br>221 Aurora<br>243 Sunrise<br>244 Twilight<br>276 Plaza<br>318 Café<br>319 Hampton | NL                                    | \$618 | \$778 |
|      |   | Passage  |            |   | <b>318</b> Café<br><b>319</b> Hampton | BE    | \$538 |
|      |   | Dummy  |            | <b>320</b> Empire<br><b>345</b> Tokyo<br><b>346</b> Osaka                                     | DM                                    | \$538 | \$678 |



Pull Plate Escutcheons Trim for ED93/ED70 Series RIM, SVR, LBR

|        |  |          | Finish |
|--------|--|----------|--------|
|        |  |          | 32D    |
| Image  | Description  | Item No. | Price  |
| @<br>? | Thumb Piece, Escutcheon Plate, Entry<br><i>RIM Cylinder included</i>       | EDTP10EN | \$238  |
|        | Thumb Piece, Escutcheon Plate, Night<br>Latch <b>RIM Cylinder included</b> | EDTP10NL | \$238  |
| Q      | Thumb Piece, Escutcheon Plate, Passage                                     | EDTP10BE | \$198  |
| @<br>[ | Pull Plate Escutcheon, Night Latch<br><i>RIM Cylinder included</i>         | EDPP10NL | \$168  |
|        | Pull Plate Escutcheon, Dummy   | EDPP10DM | \$128  |



Trim for ED93 Series Concealed Vertical Rod

|       |  |             | Finish |
|-------|--|-------------|--------|
|       |  |             | 26D    |
| Image | Description  | Item No.    | Price  |
| 6     | CVR Escutcheon Trim for ED93<br>with 07 Lever, Entry<br><i>Mortise Cylinder Included</i>       | ED93CES07EN | \$458  |
|       | CVR Escutcheon Trim for ED93<br>with 07 Lever, Night Latch<br><i>Mortise Cylinder Included</i> | ED93CES07NL | \$458  |

#### **XSF** Trim

Trim for ED93 Series Concealed Vertical Rod

|       |  |            |  |   | Fin   | ish                   |       |
|-------|--|------------|--|---|-------|-----------------------|-------|
|       |  |            |  |   | 32D   | CGY, CDB<br>C19G, C19 |       |
| Image | Description  | Item No.   | Lever Design                               | Function  | Pri   | ce                    |       |
| @     | Entry Function<br>Mortise Cylinder Included                      |            | 201 Cologne<br>202 Munich<br>205 Frankfurt | EN  | \$638 | \$828                 |       |
|       | Night Latch / Storeroom<br>Function<br>Mortise Cylinder Included | - EDCV-XSF | EDCV-XSF                                   | 221 Aurora<br>243 Sunrise<br>244 Twilight<br>276 Plaza<br>318 Café<br>319 Hampton | NL    | \$658                 | \$848 |
|       | Passage  |            |  |   | BE    | \$578                 | \$748 |
|       | Dummy  |            | 320 Empire<br>345 Tokyo<br>346 Osaka       | DM  | \$578 | \$748                 |       |



Trim for ED93 Series Mortise

|       |  |             | Finish |
|-------|--|-------------|--------|
|       |  |             | 26D    |
| Image | Description  | Item No.    | Price  |
| 0     | Mortise Escutcheon Trim for ED93 with<br>07 Lever, Entry<br><i>Mortise Cylinder Included</i>       | ED93MES07EN | \$458  |
|       | Mortise Escutcheon Trim for ED93 with<br>07 Lever, Night Latch<br><i>Mortise Cylinder Included</i> | ED93MES07NL | \$458  |



#### **Exit Device Electrification**

| Description  | Item No.        | Price   |
|--|-----------------|---------|
| <b>SERVICE CODE:</b> Electrification of ED93 Series - QLR (Motor Driven Latch Retraction Function)                             | SV-ED93-QLR     | \$1,708 |
| <b>SERVICE CODE:</b> Electrification of ED93 Series - QLR (Motor Driven Latch Retraction Function) with Request-to-Exit Switch | SV-ED93-QLR-REX | \$1,868 |
| <b>SERVICE CODE:</b> Electrification of ED93 Series - QLR (Motor Driven Latch Retraction Function) Latchbolt Monitoring Switch | SV-ED93-QLR-LBM | \$818   |

#### **Electrification of Exit Device Trim**

| Description   | ltem No.        | Price |
|---|-----------------|-------|
| <b>SERVICE CODE:</b> Electrification of RIM / SVR ED93 Trim - Electronically Locked (Fail Safe)     | SV-EDES-EL-24V  | \$658 |
| <b>SERVICE CODE:</b> Electrification of RIM / SVR ED93 Trim - Electronically Unlocked (Fail Secure) | SV-EDES-EU-24V  | \$658 |
| SERVICE CODE: Electrification of Trim - Request to Enter  | SV-ESES-REE     | \$148 |
| SERVICE CODE: Electrification of CVR Trim - Electronically Locked (Fail Safe)                       | SV-EDES-EL-24V  | \$658 |
| <b>SERVICE CODE:</b> Electrification of CVR Trim - Electronically Unlocked (Fail Secure)            | SSV-EDES-EU-24V | \$658 |

### **Electric Switches**

| Description           | Item No.  | Price |
|-----------------------|-----------|-------|
| Exit Device Alarm Kit | EDALM-26D | \$518 |



## Wing Pull Trim

|       |  |          | <b>Finish</b><br>AL |
|-------|--|----------|---------------------|
| Image | Description  | Item No. | Price               |
| °,    | Wing Pull Trim for Exit Devices, Night<br>Latch <b>RIM Cylinder included</b> | EDWP10NL | \$98                |
| -     | Wing Pull Trim for Exit Devices, Dummy                                       | EDWP10DM | \$38                |

#### Mullions

| _     |  |          | <b>Finish</b><br>AL |
|-------|--|----------|---------------------|
| Image | Description  | Item No. | Price               |
|       | Mullion for Door Pair with Brackets,<br>Non-Fire Rated | EDMUL84  | \$1,118             |
|       | Mullion for Door Pair with Brackets,<br>Fire Rated     | EDMUL84F | \$1,258             |

#### **Exit Device Accessories**

|       |  |          | Finish |
|-------|--|----------|--------|
|       |  |          | AL     |
| Image | Description  | Item No. | Price  |
| 1 mm  | Auxiliary Fire Bolt for LBR Device                 | EDAUX    | \$108  |
| □     | Top Rod for Vertical Rod Device,<br>8' (96") Doors | EDTR96   | \$68   |



#### **Door Closers - DC90 Series**

Grade 1 - Extra Heavy Duty

|       |  |             |       | Finish |       |
|-------|--|-------------|-------|--------|-------|
|       |  |             | 19G   | AL     | DU    |
| Image | Description  | Item No.    |       | Price  |       |
|       | Door Closer with Sleeve Arm, ADA,<br>Plastic Full Cover                | DC9016      | \$388 | \$388  | \$388 |
|       | Door Closer with Delayed Closing Action,<br>ADA, Plastic Full Cover    | DC9016DA    | \$418 | \$418  | N/A   |
|       | Door Closer with Friction Hold Open<br>Arm, ADA, Plastic Full Cover    | DC9016HO    | \$488 | \$488  | N/A   |
|       | Door Closer with Cush Arm, ADA, Plastic<br>Full Cover                  | DC9016CUSH  | \$498 | \$498  | N/A   |
|       | Door Closer with Hold Open Cush Arm,<br>ADA, Plastic Full Cover        | DC9016HCUSH | \$618 | \$618  | N/A   |
|       | Door Closer with Heavy Duty Arm, ADA,<br>Plastic Full Cover            | DC9016EDA   | \$498 | \$498  | N/A   |
|       | Door Closer with Slide Track Arm, ADA,<br>Plastic Full Cover           | DC9016ST    | N/A   | \$478  | N/A   |
|       | Door Closer with Slide Track Hold Open<br>Arm, ADA, Plastic Full Cover | DC9016STH   | N/A   | \$478  | N/A   |



#### **Door Closers - DC85 Series**

Grade 1 - Heavy Duty

|          |  |             |       | Finish |       |
|----------|--|-------------|-------|--------|-------|
|          |  |             | 19G   | AL     | DU    |
| Image    | Description  | Item No.    |       | Price  |       |
|          | Door Closer with Sleeve Arm, ADA,<br>Plastic Full Cover                | DC8516      | \$285 | \$285  | \$285 |
| <i>M</i> | Door Closer with Delayed Closing Action,<br>Adustable Power Range 1-6  | DC8516DA    | \$298 | \$298  | N/A   |
|          | Door Closer with Friction Hold Open<br>Arm, ADA, Plastic Full Cover    | DC8516HO    | \$338 | \$338  | \$328 |
| 63       | Door Closer with Cush Arm, ADA, Plastic<br>Full Cover                  | DC8516CUSH  | \$368 | \$368  | N/A   |
|          | Door Closer with Hold Open Cush Arm,<br>ADA, Plastic Full Cover        | DC8516HCUSH | \$389 | \$389  | N/A   |
|          | Door Closer with Slide Track Arm, ADA,<br>Plastic Full Cover           | DC8516ST    | N/A   | \$328  | N/A   |
|          | Door Closer with Slide Track Hold Open<br>Arm, ADA, Plastic Full Cover | DC8516STH   | N/A   | \$328  | N/A   |

# Door Closers - DC61 Series

Grade 1 - Standard Duty

|       |   |           | Fin   | ish   |
|-------|---|-----------|-------|-------|
|       |   |           | AL    | DU    |
| Image | Description   | Item No.  | Pri   | ce    |
| Å     | Door Closer with Standard Arm, Power<br>size 1-4, ADA, Less Cover | DC6114LCV | \$238 | \$238 |
|       | Door Closer with Standard Arm, Power<br>size 2-6, Less Cover      | DC6126LCV | \$238 | \$238 |
|       | Plastic Slim Cover for DC61 Door Closer                           | DCCV61SLC | \$28  | N/A   |



# **Door Closer Drop Plates**

|  |   |          | Fini | ish  |
|--|---|----------|------|------|
|  |   |          | AL   | DU   |
| Image  | Description   | Item No. | Pri  | ce   |
| (* • • • • • • • • • • • • • • • • • • •   | Drop Plate for DC61 Door Closer<br>Regular Arm, Narrow        | DCDP61P1 | \$54 | \$54 |
| • • • •   + + + +  | Drop Plate for DC61 Door Closer<br>Parallel Arm, Wide         | DCDP61P2 | \$58 | \$58 |
| <u>بریم</u><br>۱۹۹۵ میل<br>۱۹۹۹ میل<br>۱۹۹ | Drop Plate for DC8516 w/Full Cover for<br>Pull or Jamb Side   | DCDP85P1 | \$64 | \$64 |
| ۰<br>۲<br>۰<br>۰<br>۰<br>۰<br>۰  | Drop Plate for DC8516 w/Full Cover for<br>Push or Jamb Side   | DCDP85P2 | \$64 | \$64 |
| ۲۹   | Drop Plate for DC8516 w/Slim Cover<br>for Pull or Jamb Side   | DCDP85P3 | \$64 | \$64 |
| • • • • • • • • • • • • • • • • • • •  | Drop Plate for DC8516 w/Slim Cover<br>for Push or Jamb Side   | DCDP85P4 | \$64 | \$64 |
|  | Drop Plate for DC9016 Door Closer, Pull<br>Side Mount         | DCDP90P1 | \$68 | \$68 |
|  | Drop Plate for DC9016 Door Closer, Top<br>Jamb, Flush Ceiling | DCDP90P2 | \$68 | \$68 |
|  | Drop Plate for DC9016 Door Closer,<br>Parallel Arm Mount      | DCDP90P3 | \$68 | \$68 |
|  | Drop Plate for DC9016 Door Closer, Top<br>Jamb Mount          | DCDP90P4 | \$68 | \$68 |



# Cylinders

|   |               |      |               |                  | Fin               | ish                  |       |
|---|---------------|------|---------------|------------------|-------------------|----------------------|-------|
| Rim Cylinder  |               |      | 32D           | 32 <b>°</b> ,19G | PVD4 <sup>3</sup> | CeraMax <sup>1</sup> |       |
| Description   | Cylinder Type | Size | Cylinder Code | Price            |                   |                      |       |
| Rim Cylinders   | Single        | 1"   | CRB105        | \$52             | \$59              | \$66                 | \$162 |
| Schlage C Keyway, 5 Pin with<br>Tailpiece, 2 Keys Standard: Keyed<br>Differently (KD) | Double        | 1"   | CRB105DB      | \$104            | \$118             | \$132                | \$214 |
|   | Tubular Dummy | 1"   | CRA 10D       | \$52             | \$59              | \$66                 | \$162 |

<sup>3</sup> Longer leadtimes and MOQ may apply, please check before ordering.

|  |               |        |               |                      | Fin              | ish               |                      |
|--|---------------|--------|---------------|----------------------|------------------|-------------------|----------------------|
| Mortise Cylinder   |               |        |               | 32D/26D <sup>1</sup> | 32 <b>3</b> ,19G | PVD4 <sup>3</sup> | CeraMax <sup>1</sup> |
| Description  | Cylinder Type | Size   | Cylinder Code |                      | Pri              | ce                |                      |
|  |               | 15/16" | CMB0345       | \$64                 | \$75             | \$64              | \$174                |
|  | Mortise       | 1"     | CMB105        | \$64                 | \$75             | \$64              | \$174                |
|  |               | 1-1/8" | CMB1186       | \$70                 | \$82             | \$70              | \$180                |
| Mortise Cylinders  |               | 1-1/4" | CMB1146       | \$70                 | \$82             | \$70              | \$180                |
| Schlage C Keyway, 6 Pin with                             |               | 1-3/8" | CMB1386       | \$76                 | \$88             | \$76              | \$186                |
| Clover L Cam, 2 Keys<br>Standard: Keyed Differently (KD) |               | 1-1/2" | CMB1126       | \$76                 | \$88             | \$76              | \$186                |
| ,  |               | 1-5/8" | CMB1586       | \$82                 | \$94             | \$82              | \$192                |
|  |               | 1-3/4" | CMB1346       | \$82                 | \$94             | \$82              | \$192                |
|  | Mortise Dummy | 1/2"   | CMA10D        | \$52                 | \$64             | \$52              | \$162                |

<sup>3</sup> Longer leadtimes and MOQ may apply, please check before ordering. Standard cylinder comes with Clover L Cam, for other Mortise Cams, use finish price plus \$10 upcharge



## IC Core and Housing

| (SEE SE  |                                   |       | Finish |       |  |  |
|--|-----------------------------------|-------|--------|-------|--|--|
| SFIC Core  |                                   | 26D   | 19G    | PVD4  |  |  |
| Description  | Cylinder Code                     |       | Price  |       |  |  |
| IC Cylinder Core, 6 Pin, Best A Keyway Small Format, Combinated  | CMB-ICBA6-CMB⁴                    | \$92  | \$106  | \$98  |  |  |
| IC Cylinder Core, 7 Pin, Best A Keyway Small Format, Combinated  | CMB-ICBA7-CMB                     | \$100 | \$114  | \$104 |  |  |
| Construction Key available in 26D and also in RED and GRN painted face   | es, list desired finish when orde | ring  |        |       |  |  |
| IC Cylinder Core, 6 Pin, Best A Keyway Small Format, Construction Core<br><i>Two Keyed Alike (KA) and one Control Key, per Group of 10</i> | CMB-ICBA6-CST-FINISH              | \$78  | N/A    | N/A   |  |  |
| IC Cylinder Core, 7 Pin, Best A Keyway Small Format, Construction Core<br><i>Two Keyed Alike (KA) and one Control Key, per Group of 10</i> | CMB-ICBA7-CST-FINISH              | \$85  | N/A    | N/A   |  |  |

<sup>4</sup>Black finish available on core - finish may not exactly match Black or Graphite Black finish

| SFIC Housing   |                  | Finish       |       |         |
|--|------------------|--------------|-------|---------|
|  |                  | 26D,<br>PVD4 | 19G   | CeraMax |
| Description  | Cylinder Code    |              | Price |         |
| Mortise Cylinder ICBA Housing for 6 Pin, Less Core,1-3/8"  | CMB1386-ICBA-HUS | \$85         | N/A   | \$205   |
| Mortise Cylinder SFIC Housing for 6 Pin, Less Core, 1-1/4" | CMB1146-ICBA-HUS | \$78         | \$97  | \$198   |
| Mortise Cylinder SFIC Housing for 7 Pin, Less Core, 1-3/8" | CMB1387-ICBA-HUS | \$85         | S/O   | \$205   |
| Mortise Cylinder LFIC Housing for 6 Pin, Less Core, 1-1/2" | CMB1126-LFIC-HUS | \$78         | \$85  | \$198   |
| Mortise Cylinder SFIC Housing for 7 Pin, Less Core, 1-1/2" | CMB1127-ICBA-HUS | \$85         | N/A   | \$205   |



| Item Code        | Description                     | Trim                | Collar Reference                      |
|------------------|---------------------------------|---------------------|---------------------------------------|
| CMB1126          | 1-1/2" Cylinder 6 Pin           | XSF-MED             | EC-R385COL Round Collar               |
| CMB1186          | 1-1/8" Cylinder 6 Pin           | SF / PD97           | No Collar Required                    |
| CIVID I 100      |                                 | XSF-RIM             | EC-R370COL Round Collar               |
|                  |                                 | ISM7000             | No Collar Required                    |
| CMB1146          | 1-1/4" Cylinder, 6 pin          | XRA / XGT / ISMPD95 | EC-R460COL Round Collar               |
| CMDTT40          |                                 | XSE / XGS           | EC-S420COL Square Collar              |
|                  |                                 | XSF-CVR             | EC-R370COL Round Collar               |
| CMB1386          | 1-3/8" Cylinder, 6 pin          | TDKs                | EC-R417COL Round Collar               |
|                  |                                 | IDKS                | EC-S420COL + EC-R456COL Square Collar |
| CMB1126-ICBA-HUS | 1-1/2" SFIC housing, 6 pin      | XSF-MED             | EC-R385COL Round Collar               |
| CMB1386-ICBA-HUS | 1-3/8" SFIC housing, 6 pin      | SF / PD97           | EC-R456COL Round Collar               |
|                  |                                 | XRA / XGT / ISMPD95 | EC-R460COL Round Collar               |
| CMB1146-ICBA-HUS | <br> 1-1/4" SFIC housing, 6 pin | ISM7000             | No Collar Required                    |
| CMDT140-ICDA-H05 |                                 | XSE / XGS           | EC-S420COL Square Collar              |
|                  |                                 | XSF-RIM / XSF-CVR   | EC-R370COL Round Collar               |
|                  |                                 | XRA / XGT / ISMPD95 | EC-R417COL Round Collar               |
| CMB1387-ICBA-HUS | 1-3/8" SFIC housing, 7 pin      | ISM7000             | No Collar Required                    |
| CMD1307-ICDA-HOS |                                 | XSE / XGS           | EC-S420COL + EC-R456COL Square Collar |
|                  |                                 | SF / PD97           | EC-R456COL Round Collar               |
|                  |                                 | XSF-MED             | EC-R385COL Round Collar               |
|                  |                                 | XRA / XGT / ISMPD95 | EC-R417COL Round Collar               |
| CMB1126-LFIC-HUS | 1-1/2" LFIC housing, 6 pin      | XSE XGS             | EC-S420COL + EC-R456COL Square Collar |
|                  |                                 | SF / PD97 / ISM7000 | EC-R456COL Round Collar               |
|                  |                                 | XSF-RIM / XSF-CVR   | EC-R370COL Round Collar               |
| CMB1127-ICBA-HUS | 1-1/2" SFIC housing, 7 pin      | XSF-RIM / XSF-CVR   | EC-R370COL Round Collar               |
|                  |                                 | XSF-MED             | EC-R385COL Round Collar               |

# **Cross Reference Chart for Cylinders and Collars by Trim**

# 

#### Collars

|              |  |              | Finish |       |      |         |       |  |
|--------------|--|--------------|--------|-------|------|---------|-------|--|
|              |  | 32D          | 32     | 10B   | 19G  | CeraMax |       |  |
| Illustration | Function   |              |        | Price |      |         |       |  |
| $\bigcirc$   | Round Extended Collar for XRA/XGT<br>1-3/8 – 1-1/2" IC Mortise Cylinder    | EC-R417COL   | \$22   | \$28  | N/A  | \$34    | \$92  |  |
| $\bigcirc$   | Round Collar for LA/SF Entry or RA/GT<br>Mortise Cylinder 1-1/4" Cylinder  | EC-R460COL   | \$16   | \$22  | \$24 | N/A     | \$86  |  |
|              | Square Collar for LA/SF Entry or SE/GS<br>Mortise Cylinder 1-1/4" Cylinder | EC-S420COL⁵  | \$22   | \$28  | \$34 | N/A     | \$92  |  |
| $\bigcirc$   | Round Collar for XSF Trim 1-1/8 – 1-1/2"<br>Mortise Cylinder               | EC-R370COL   | \$28   | \$34  | N/A  | N/A     | \$98  |  |
|              | Universal Round Collar   | EC-R456COL ⁵ | \$34   | \$40  | N/A  | \$42    | \$104 |  |

<sup>5</sup> EC-R456COL must be paired with EC-S420COL when using Square XSE/XGS style Trim with 1-3/8 – 1-1/2" IC Cylinders. EC-R456COL can be used as a stand alone collar when using Round XRA/XGT style Trim with 1-3/8 – 1-1/2" IC Cylinders.



## **Keying Service Options**

| Service Code | Description   | Price             |
|--------------|---|-------------------|
| SV-KYCT      | Service: Key Cut including Key Blank  | \$12 Per Key      |
| SV-KA        | Service: Keyed Alike (KA) - Each cylinder in the group is keyed alike<br>2 Keys per KA Group of 10 included   | \$18 Per Cylinder |
| SV-KASN      | Service: Keyed Alike Group (Specify Number of Keyed Alike Per Group) Each cylinder in the group is keyed alike 2 Keys per KA Group of 10 included   | \$18 Per Cylinder |
| SV-KS        | Service: Keyed to Specific Code - Cylinder is keyed to a specific code<br>2 keys per KS Group of 10 included  | \$18 Per Cylinder |
| SV-MK        | Service: Master Keying - 2 Change Keys per Cylinder and 3 Master Keys per MK Group of 10 included (CMK ordered separately if required)  | \$28 Per Cylinder |
| SV-GMK       | Service: Grand Master Keying (2 or more MK groups included), 2 Change Keys per<br>Cylinder, 3 Grand Master Keys per GMK Group & 3 Master Keys per MK Group of 10<br>included . (CMK ordered separately if required) | \$32 Per Cylinder |

All standard cylinders are keyed different for standard order.

| Service Code | Description   | Price         |
|--------------|---|---------------|
| SV-ICKYCT    | Service: IC Core Key Cut including Key Blank  | \$23 Per Key  |
| SV-ICKA      | Service: IC Core Keyed Alike (KA) - Each cylinder in the group is keyed alike<br>2 Keys per KA Group of 10 included                               | \$32 Per Core |
| SV-ICKS      | Service: IC Core Keyed to Specific Code - Cylinder is keyed to a specific code<br>2 keys per KS Group of 10included                               | \$32 Per Core |
| SV-ICMK      | Service: IC Core Master Keying - 2 Change Keys per Cylinder and 3 Master Keys per MK<br>Group of 10 included (CMK ordered separately if required) | \$52 Per Core |
| SV-ICGMK     | Service: IC Core Grand Master Keying (2 or more MK groups included), 2 Change Keys  |               |

All IC Core are keyed different for standard order.

| Service Code | Description   | Price             |
|--------------|---|-------------------|
| SV-CYKYCT    | Service: Euro Cylinder Key Cut including Key Blank  | \$23 Per Key      |
| SV-CYKA      | Service: Euro Cylinder Keyed Alike (KA) - Each cylinder in the group is keyed alike 2 Keys per KA Group of 10 included  | \$32 Per Cylinder |
| SV-CYKS      | Service: Euro Cylinder Keyed to Specific Code - Cylinder is keyed to a specific code<br>2 keys per KS Group of 10 included  | \$32 Per Cylinder |
| SV-CYMK      | Service: Euro Cylinder Master Keying - 2 Change Keys per Cylinder and 3 Master Keys per MK Group of 10 included (CMK ordered separately if required)  | \$52 Per Cylinder |
| SV-CYGMK     | Service: Euro Cylinder Grand Master Keying (2 or more MK groups included), 2 Change<br>Keys per Cylinder, 3 Grand Master Keys per GMK Group & 3 Master Keys per MK Group of<br>10 included (CMK ordered separately if required) | \$58 Per Cylinder |

All Euro cylinders are keyed different for standard order.



#### **Concealed Bearing Hinges** HEAVY WEIGHT, 3 KNUCKLE BEARING

|                 |                  |                 |                      |     |                 | Finish |            |  |  |
|-----------------|------------------|-----------------|----------------------|-----|-----------------|--------|------------|--|--|
| Stainless Steel | Stainless Steel  |                 |                      |     |                 |        |            |  |  |
| Size            | Corner           | Thickness (Ga.) | Туре                 | QTY | ltem No.        | Price  | Price (EA) |  |  |
| 4-1/2" x 4-1/2" | Square<br>Corner | 0.180" (4.6mm)  | Concealed<br>Bearing | EA  | HG5111CB-47     | \$98   | s/o        |  |  |
| 5" x 4-1/2"     | Square           | 0.190" (4.8mm)  | Concealed            | EA  | HG5111CB-NRP-56 | \$106  | S/O        |  |  |

|                 |                  |                 |                          |     |                 | Finish |            |     |  |
|-----------------|------------------|-----------------|--------------------------|-----|-----------------|--------|------------|-----|--|
| Steel           |                  | 26D             | 10B                      | 19G |                 |        |            |     |  |
| Size            | Corner           | Thickness (Ga.) | Туре                     | QTY | ltem No.        |        | Price (EA) |     |  |
| 4-1/2" x 4-1/2" | Square<br>Corner | 0.180" (4.6mm)  | Concealed<br>Bearing     | EA  | HG8111CB-47     | S/O    | \$40       | s/O |  |
| 4-1/2 X 4-1/2   |                  |                 | Concealed<br>Bearing NRP | EA  | HG8111CB-NRP-47 | \$56   | S/O        | s/O |  |
| 5" x 4-1/2"     | Square<br>Corner | 0.190" (4.8mm)  | Concealed<br>Bearing     | EA  | HG8111CB-56     | \$59   | \$59       | s/o |  |
| J X 4-1/2       |                  |                 | Concealed<br>Bearing NRP | EA  | HG8111CB-NRP-56 | \$62   | \$62       | s/O |  |

|                                      |                  |                 |                          |     |                 |      | Finish     |      |
|--------------------------------------|------------------|-----------------|--------------------------|-----|-----------------|------|------------|------|
| <b>STANDARE</b><br>Steel             | O WEIGHT,        | 26D             | 10B                      | 19G |                 |      |            |      |
| Size                                 | Corner           | Thickness (Ga.) | Туре                     | QTY | ltem No.        |      | Price (EA) |      |
|                                      | Square<br>Corner | 0.134" (3.4mm)  | Concealed<br>Bearing     | EA  | HG8112CB-45     | \$33 | \$35       | \$40 |
| 4-1/2" x 4-1/2"                      |                  |                 | Concealed<br>Bearing NRP | EA  | HG8112CB-NRP-45 | \$38 | S/O        | S/O  |
|                                      |                  | 0.180" (4.6mm)  | Concealed<br>Bearing NRP | EA  | HG8112CB-NRP-47 | S/O  | \$40       | S/O  |
| <b>F</b> " <b>x</b> 4 1 / <b>2</b> " | Square<br>Corner | 0.146" (3.7mm)  | Concealed<br>Bearing     | EA  | HG8112CB-54     | \$40 | S/O        | S/O  |
| 5" x 4-1/2"                          |                  |                 | Concealed<br>Bearing NRP | EA  | HG8112CB-NRP-54 | \$46 | S/O        | S/O  |

NRP: Non-removable Pin

CB: Concealed Bearings

S/O: Special order item, contact the sales department for pricing and lead times.



#### **Template Hinges**

Standard weight, 2 Anti-friction ball bearing & plain bearing

|                 |                       |                 |                    |     |                 | Fin   | ish    |  |  |
|-----------------|-----------------------|-----------------|--------------------|-----|-----------------|-------|--------|--|--|
| Stainless Steel | tainless Steel        |                 |                    |     |                 |       |        |  |  |
| Size            | Corner                | Thickness (Ga.) | Туре               | QTY | Item No.        | Price | e (EA) |  |  |
| C               | Square                | 0.13" (3.3mm)   | 2 Ball Bearing     | EA  | HG5112-43       | \$61  | \$71   |  |  |
|                 | Corner                | 0.15 (5.511111) | 2 Ball Bearing NRP | EA  | HG5112NRP-43    | \$65  | S/O    |  |  |
| 4" x 4"         | 1/4" Radius<br>Corner | 0.13" (3.3mm)   | 2 Ball Bearing NRP | EA  | HG5112R14NRP-43 | \$62  | \$66   |  |  |
|                 | 5/8" Radius<br>Corner | 0.13" (3.3mm)   | 2 Ball Bearing NRP | EA  | HG5112R58NRP-43 | \$62  | \$66   |  |  |
| 4-1/2" x 4"     | Square<br>Corner      | 0.134" (3.4mm)  | 2 Ball Bearing     | EA  | HG5112-44       | \$64  | S/O    |  |  |
| 4-1/2" x 4-1/2" | Square                | 0.134" (3.4mm)  | 2 Ball Bearing     | EA  | HG5112-45       | \$66  | S/O    |  |  |
| 4-1/2 X 4-1/2   | Corner                |                 | 2 Ball Bearing NRP | EA  | HG5112NRP-45    | \$70  | S/O    |  |  |

|                 |                  |                 |                    |     |              |                                   | Finish     |      |
|-----------------|------------------|-----------------|--------------------|-----|--------------|-----------------------------------|------------|------|
| Steel           |                  |                 |                    |     |              | 15 <b>°</b> , 4 <b>°</b> ,<br>26D | 19G<br>10B | 26   |
| Size            | Corner           | Thickness (Ga.) | Туре               | QTY | ltem No.     |                                   | Price (EA) |      |
| 4" > 4"         | Square<br>Corner | 0.124" (2.4mm)  | 2 Ball Bearing     | EA  | HG8112-43    | \$25                              | \$29       | S/O  |
|                 | Radius<br>Corner | 0.134" (3.4mm)  | 2 Ball Bearing     | EA  | HG8112R14-43 | \$25                              | S/O        | S/O  |
| 4-1/2" x 4"     | Square           | 0.134" (3.4mm)  | 2 Ball Bearing     | EA  | HG8112-44    | \$25                              | S/O        | S/O  |
| 4-1/2 × 4       | Corner           |                 | 2 Ball Bearing NRP | EA  | HG8112NRP-44 | \$27                              | S/O        | S/O  |
| 4-1/2" x 4-1/2" | Square           |                 | 2 Ball Bearing     | EA  | HG8112-45    | \$26                              | \$29       | \$33 |
| 4-1/2 × 4-1/2   | Corner           |                 | 2 Ball Bearing NRP | EA  | HG8112NRP-45 | \$29                              | \$33       | S/O  |
| 5" x 4-1/2"     | Square           | 0.146" (3.7mm)  | 2 Ball Bearing     | EA  | HG8112-54    | \$33                              | S/O        | S/O  |
| J X 4-1/2       | Corner           | 0.146" (3.7mm)  | 2 Ball Bearing NRP | EA  | HG8112NRP-54 | \$36                              | S/O        | S/O  |

<sup>6</sup>Finish Options

15 finish available for HG8112-45

4 finish available for HG8112-45

NRP: Non-removable Pin

S/O: Special order item, contact the sales department for pricing and lead times.

# 

#### Spring Hinges COMMERCIAL WEIGHT

|                 |                  |                 |               |     |                |       | Finish |  |
|-----------------|------------------|-----------------|---------------|-----|----------------|-------|--------|--|
| Stainless Steel | Stainless Steel  |                 |               |     |                |       |        |  |
| Size            | Corner           | Thickness (Ga.) | Туре          | QTY | Item No.       | Price | (EA)   |  |
| 4" × 4"         | Square<br>Corner | 0.12" (2.2mm)   | Spring Hinges | EA  | HG5107SP-43    | \$86  | s/O    |  |
| 4 X 4           | Radius<br>Corner | 0.13" (3.3mm) - | Spring Hinges | EA  | HG5107SPR14-43 | \$86  | s/O    |  |
| 4-1/2" x 4-1/2" | Square<br>Corner | 0.134" (3.4mm)  | Spring Hinges | EA  | HG5107SP-45    | \$92  | s/O    |  |

|                |                  |                 |               |     |                | Finish |          |  |
|----------------|------------------|-----------------|---------------|-----|----------------|--------|----------|--|
| Steel          |                  |                 |               |     |                | 26D    | 19G, 10B |  |
| Size           | Corner           | Thickness (Ga.) | Туре          | QTY | ltem No.       | Price  | (EA)     |  |
| 4" x 4"        | Radius<br>Corner | 0.13" (3.3mm)   | Spring Hinges | EA  | HG8107SPR14-43 | \$40   | s/o      |  |
| 4-1/2 x 4-1/2" | Square<br>Corner | 0.134" (3.4mm)  | Spring Hinges | EA  | HG8107SP-45    | \$42   | \$46     |  |



#### Heavy Duty Template Hinges HEAVY WEIGHT, 4 ANTI-FRICTION BALL BEARING

|                 |                  |                    |                       |     |              | Fin   | ish  |
|-----------------|------------------|--------------------|-----------------------|-----|--------------|-------|------|
| Stainless Steel |                  |                    |                       |     |              | 32D   | 32   |
| Size            | Corner           | Thickness (Ga.)    | Туре                  | QTY | ltem No.     | Price | (EA) |
| 4 1 /2 4 1 /2   | Square<br>Corner | 0.100" (4.6.5.5.5) | 4 Ball Bearing        | EA  | HG5111-47    | \$92  | S/O  |
| 4-1/2" x 4-1/2" |                  | 0.180" (4.6mm)     | 4 Ball Bearing<br>NRP | EA  | HG5111NRP-47 | \$96  | S/O  |
| 5" x 4-1/2"     | Square<br>Corner | 0.190" (4.8mm)     | 4 Ball Bearing        | EA  | HG5111-56    | \$98  | s/O  |
| 5" X 5"         | Square<br>Corner | 0.190" (4.8mm)     | 4 Ball Bearing        | EA  | HG5111-57    | \$103 | S/O  |

|                 |        |                    |                       |     |              | Fin   | ish      |
|-----------------|--------|--------------------|-----------------------|-----|--------------|-------|----------|
| Steel           |        |                    |                       |     |              | 26D   | 10B, 19G |
| Size            | Corner | Thickness (Ga.)    | Туре                  | QTY | Item No.     | Price | e (EA)   |
| 4 1 (2) 4 1 (2) | Square | 0.100" (4.6.5.5.5) | 4 Ball Bearing        | EA  | HG8111-47    | \$46  | S/O      |
|                 | Corner | 0.180" (4.6mm)     | 4 Ball Bearing<br>NRP | EA  | HG8111NRP-47 | \$51  | S/O      |
| 5" x 4-1/2"     | Square |                    | 4 Ball Bearing        | EA  | HG8111-56    | \$53  | s/O      |
| 5 X 4-1/2       | Corner | 0.190" (4.8mm)     | 4 Ball Bearing<br>NRP | EA  | HG8111NRP-56 | \$57  | S/O      |
| 5" x 5" Square  |        |                    | 4 Ball Bearing        | EA  | HG8111-57    | \$55  | s/O      |
| 5 X 5           | Corner | 0.190" (4.8mm)     | 4 Ball Bearing<br>NRP | EA  | HG8111NRP-57 | \$59  | S/O      |

#### **Power Transfer Hinges**

|                 |                  |                 |                |     |                 | Fin   | ish    |
|-----------------|------------------|-----------------|----------------|-----|-----------------|-------|--------|
| Steel           |                  |                 |                |     |                 | 26D   | 19G    |
| Size            | Corner           | Thickness (Ga.) | Туре           | QTY | ltem No.        | Price | e (EA) |
| 4-1/2" x 4-1/2" | Square<br>Corner | 0.134" (3.4mm)  | 2 Ball Bearing | EA  | HG8112-45-ETH4W | \$408 | \$438  |

NRP: Non-removable Pin

S/O: Special order item, contact the sales department for pricing and lead times.



#### **Residential Hinges** PLAIN BEARING HINGES

|                |                  |                 |               |     |           | Fin   | ish  |
|----------------|------------------|-----------------|---------------|-----|-----------|-------|------|
| Stainless Stee | I                |                 |               |     |           | 32D   | 32   |
| Size           | Corner           | Thickness (Ga.) | Туре          | QTY | Item No.  | Price | (EA) |
| 4" x 4"        | Square<br>Corner | 0.13" (3.3mm)   | Plain Bearing | EA  | HG5133-43 | \$50  | s/O  |

| Steel           |                  |                 |               |     |           | 26D   | 19G  |  |
|-----------------|------------------|-----------------|---------------|-----|-----------|-------|------|--|
| Size            | Corner           | Thickness (Ga.) | Туре          | QTY | Item No.  | Price | (EA) |  |
| 4-1/2" x 4-1/2" | Square<br>Corner | 0.134" (3.4mm)  | Plain Bearing | EA  | HG8133-45 | \$22  | s/O  |  |

S/O: Special order item, contact the sales department for pricing and lead times.

#### **Residential Hinges** COMMERCIAL WEIGHT

|                | Finish                |                 |        |           |              |       |      |
|----------------|-----------------------|-----------------|--------|-----------|--------------|-------|------|
| Stainless Stee | I                     |                 |        |           |              | 32D   | 32   |
| Size           | Corner                | Thickness (Ga.) | Туре   | QTY       | ltem No.     | Price | (EA) |
|                | Square<br>Corner      |                 | EA H   | HG5184-42 | \$40         | \$45  |      |
| 4" × 4"        | Radius 1/4"<br>Corner | 0.097" (2.5mm)  | Hinges | EA        | HG5184R14-42 | \$40  | \$45 |
|                | Radius 5/8"<br>Corner |                 |        | EA        | HG5184R58-42 | \$40  | \$45 |

NRP: Non-removable Pin

S/O: Special order item, contact the sales department for pricing and lead times.



#### **ADA Surface Pulls**

Interior / Exterior Pull

|       |        |     |           |                  |                   |       |       | Finish |              |         |
|-------|--------|-----|-----------|------------------|-------------------|-------|-------|--------|--------------|---------|
|       |        |     |           |                  |                   | 32D   | 32    | 19G    | PVD4,<br>26D | CeraMax |
| Image | Length | СТС | Tube Dia. | Fixing           | ltem Code         |       |       | Price  |              |         |
|       |        |     |           | Bolt-Thru        | PHIX330.512.8 BT  | \$98  | \$108 | \$113  | \$113        | \$228   |
|       | 8"     | 5"  | 7/8"      | Back-to-<br>Back | PHIX330.512.8 BTB | \$157 | \$173 | \$188  | \$214        | \$417   |
|       |        |     |           | Self-<br>Tapping | PHIX330.512.8 ST  | \$98  | \$108 | \$113  | \$113        | \$228   |

|       |        |        |           |                  |               |              |       | Finish |       |         |       |
|-------|--------|--------|-----------|------------------|---------------|--------------|-------|--------|-------|---------|-------|
|       |        |        |           |                  |               | 32D          | 32    | 19G    | 10B   | CeraMax |       |
| Image | Length | СТС    | Tube Dia. | Fixing           | ltem Code     |              |       | Price  |       |         |       |
| C     |        |        |           | Bolt-Thru        | PHIX31108 BT  | \$74         | \$82  | \$95   | N/A   | \$204   |       |
|       | 8-3/4" | 8"     | 3/4"      | Back-to-<br>Back | PHIX31108 BTB | \$113        | \$124 | \$152  | N/A   | \$373   |       |
|       |        |        |           | Self-<br>Tapping | PHIX31108 ST  | \$74         | \$82  | \$95   | N/A   | \$204   |       |
| P     |        |        |           | Bolt-Thru        | PHIX30108 BT  | \$79         | \$85  | \$98   | N/A   | \$209   |       |
|       | 8-3/4" | 8"     | 3/4"      | Back-to-<br>Back | PHIX30108 BTB | \$118        | \$131 | \$157  | N/A   | \$378   |       |
|       |        |        |           | Self-<br>Tapping | PHIX30108 ST  | \$79         | \$85  | \$98   | N/A   | \$209   |       |
|       |        |        |           |                  | Bolt-Thru     | PHIX41714 BT | \$147 | \$157  | \$178 | N/A     | \$277 |
|       | 8-1/4" | 7-1/4" | 7/8"      | Back-to-<br>Back | PHIX41714 BTB | \$256        | \$282 | \$321  | N/A   | \$503   |       |
|       |        |        |           | Self-<br>Tapping | PHIX41714 ST  | \$147        | \$157 | \$178  | N/A   | \$407   |       |
| 7     |        |        |           | Bolt-Thru        | PHIX45714 BT  | \$147        | \$157 | \$178  | N/A   | \$277   |       |
|       | 7-3/4" | 7-1/4" | 7/8"      | Back-to-<br>Back | PHIX45714 BTB | \$256        | \$282 | \$321  | N/A   | \$503   |       |
|       |        |        |           | Self-<br>Tapping | PHIX45714 ST  | \$147        | \$157 | \$178  | N/A   | \$407   |       |

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#### **Surface Pulls**

Interior / Exterior Pull

|              |         |      |           |              |                     |       | Finish |         |
|--------------|---------|------|-----------|--------------|---------------------|-------|--------|---------|
|              |         |      |           |              |                     | 32D   | 32     | CeraMax |
| Image        | Length  | СТС  | Tube Dia. | Fixing       | Item Code           |       | Price  |         |
|              |         |      |           | Bolt-Thru    | PHIX31106 BT        | \$73  | \$82   | \$203   |
|              | 6-3/4"  | C "  | 3/4"      | Back-to-Back | PHIX31106 BTB       | \$112 | \$131  | \$372   |
|              | 0-3/4   | 6"   | 3/4       | On Roses     | PHIX31106 OR        | \$77  | \$86   | \$207   |
|              |         |      |           | Self-Tapping | PHIX31106 ST        | \$73  | \$82   | \$203   |
| U Style Pull |         |      |           | Bolt-Thru    | PHIX31108 BT        | \$78  | \$87   | \$208   |
|              | 8-3/4"  | 8"   | 3/4"      | Back-to-Back | PHIX31108 BTB       | \$117 | \$128  | \$277   |
|              |         |      |           | Self-Tapping | PHIX31108 ST        | \$78  | \$87   | \$208   |
|              |         |      |           | Bolt-Thru    | PHIX31110 BT        | \$64  | \$69   | \$214   |
|              | 10-3/4" | 1.0" | 2/4"      | Back-to-Back | PHIX31110 BTB       | \$98  | \$111  | \$398   |
|              |         | 10"  | 3/4"      | On Roses     | PHIX31110 OR        | \$67  | \$72   | \$217   |
|              |         |      |           | Self-Tapping | PHIX31110 ST        | \$64  | \$69   | \$214   |
|              |         |      |           | Bolt-Thru    | PHIX31112 BT        | \$66  | \$87   | \$216   |
|              | 12-3/4" | 12"  | 3/4"      | Back-to-Back | PHIX31112 BTB       | \$105 | \$118  | \$405   |
|              | 12-3/4  | ΙZ   |           | On Roses     | PHIX31112 OR        | \$69  | \$91   | \$153   |
|              |         |      |           | Self-Tapping | PHIX31112 ST        | \$66  | \$87   | \$216   |
|              |         |      |           | Bolt-Thru    | PHIX311.16.1675 BT  | \$92  | N/A    | \$224   |
|              | 16-3/4" | 16"  | 3/4"      | Back-to-Back | PHIX311.16.1675 BTB | \$131 | N/A    | \$431   |
|              |         |      |           | Self-Tapping | PHIX311.16.1675 ST  | \$92  | N/A    | \$224   |
|              |         |      |           | Bolt-Thru    | PHIX311.18.1875 BT  | \$100 | N/A    | \$250   |
|              | 18-3/4" | 18"  | 3/4"      | Back-to-Back | PHIX311.18.1875 BTB | \$139 | N/A    | \$439   |
|              |         |      |           | Self-Tapping | PHIX311.18.1875 ST  | \$100 | N/A    | \$250   |
|              |         |      |           | Bolt-Thru    | PHIX31210 BT        | \$74  | \$79   | \$224   |
|              | 11"     | 10"  | 1"        | Back-to-Back | PHIX31210 BTB       | \$139 | \$131  | \$439   |
|              |         |      |           | Self-Tapping | PHIX31210 ST        | \$74  | \$79   | \$224   |
|              |         |      |           | Bolt-Thru    | PHIX31212 BT        | \$90  | \$98   | \$240   |
|              | 13"     | 12"  | 1"        | Back-to-Back | PHIX31212 BTB       | \$157 | \$183  | \$457   |
|              |         |      |           | Self-Tapping | PHIX31212 ST        | \$90  | \$98   | \$240   |
|              |         |      |           | Bolt-Thru    | PHIX31312 BT        | \$116 | \$129  | \$266   |
|              | 13-1/4" | 12"  | 1-1/4"    | Back-to-Back | PHIX31312 BTB       | \$225 | \$251  | \$525   |
|              |         |      |           | Self-Tapping | PHIX31312 ST        | \$116 | \$129  | \$266   |
|              |         |      |           | Bolt-Thru    | PHIX31318 BT        | \$139 | \$160  | \$289   |
|              | 19-1/4" | 18"  | 1-1/4" [  | Back-to-Back | PHIX31318 BTB       | \$286 | \$326  | \$586   |
|              |         |      |           | Self-Tapping | PHIX31318 ST        | \$139 | \$160  | \$289   |

Bolt-Thru consists of 1 single pull + 1 Bolt-Thru fixing pack (function code: BT)

Back-to-Back consists of 2 single pulls + 1 Back-to-Back fixing pack (function code: BTB)

On rosette consists of 1 single pull + 1 On roses fixing pack (function code: OR)

For fixing pack, see pages 237-239.



#### **Surface Pulls**

Interior / Exterior Pull

|              |         |     |           |              |               |       | Finish |         |
|--------------|---------|-----|-----------|--------------|---------------|-------|--------|---------|
|              |         |     |           |              |               | 32D   | 32     | CeraMax |
| Image        | Length  | СТС | Tube Dia. | Fixing       | Item Code     |       | Price  |         |
| D Style Pull |         |     |           | Bolt-Thru    | PHIX32210 BT  | \$120 | \$137  | \$270   |
|              | 11"     | 10" | 1"        | Back-to-Back | PHIX32210 BTB | \$235 | \$264  | \$535   |
|              |         |     |           | Self-Tapping | PHIX32210 ST  | \$120 | \$137  | \$270   |
|              |         |     |           | Bolt-Thru    | PHIX32212 BT  | \$129 | \$144  | \$279   |
|              | 13"     | 12" | 1"        | Back-to-Back | PHIX32212 BTB | \$254 | \$290  | \$554   |
|              |         |     |           | Self-Tapping | PHIX32212 ST  | \$129 | \$144  | \$279   |
|              |         |     |           | Bolt-Thru    | PHIX32312 BT  | \$160 | \$178  | \$310   |
|              | 13-1/4" | 12" | 1-1/4"    | Back-to-Back | PHIX32312 BTB | \$321 | \$358  | \$621   |
|              |         |     |           | Self-Tapping | PHIX32312 ST  | \$160 | \$178  | \$310   |
|              |         |     |           | Bolt-Thru    | PHIX32318 BT  | \$196 | \$217  | \$346   |
|              | 19-1/4" | 18" | 1-1/4"    | Back-to-Back | PHIX32318 BTB | \$406 | \$447  | \$706   |
|              |         |     |           | Self-Tapping | PHIX32318 ST  | \$196 | \$217  | \$346   |

Bolt-Thru consists of 1 single pull + 1 Bolt-Thru fixing pack (function code: BT)

Back-to-Back consists of 2 single pulls + 1 Back-to-Back fixing pack (function code: BTB)

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#### **Surface Pulls**

Interior / Exterior Pull

|               |        |         |            |              | ]                   |                    | Finish |         |       |
|---------------|--------|---------|------------|--------------|---------------------|--------------------|--------|---------|-------|
|               |        |         |            |              |                     | 32D                | 32     | CeraMax |       |
| Image         | Length | СТС     | Tube Dia.  | Fixing       | Item Code           |                    | Price  |         |       |
|               | 16"    | 12"     | 1"         | Bolt-Thru    | PHIX33212 BT        | \$157              | N/A    | \$307   |       |
|               | 10     | 12      |            | Back-to-Back | PHIX33212 BTB       | \$259              | N/A    | \$559   |       |
| T2 Style Pull | 16"    | 10"     | 1″         | Bolt-Thru    | PHIX332.10.16 BT    | \$147              | N/A    | \$297   |       |
|               | 10     | 10      |            | Back-to-Back | PHIX332.10.16 BTB   | \$238              | N/A    | \$538   |       |
|               | 18"    | 10"     | 1 1 / 4"   | Bolt-Thru    | PHIX33310 BT        | \$124              | \$134  | \$274   |       |
|               |        | 10      | 1-1/4"     | Back-to-Back | PHIX33310 BTB       | \$217              | \$243  | \$517   |       |
|               | 20"    | 201 121 | 1 1 / 4 !! | Bolt-Thru    | PHIX33312 BT        | \$131              | \$147  | \$261   |       |
|               | 20     | 12"     | 1-1/4"     | Back-to-Back | PHIX33312 BTB       | \$238              | \$269  | \$538   |       |
|               | 26"    | 18"     | 1-1/4"     | Bolt-Thru    | PHIX33318 BT        | \$144              | \$163  | \$294   |       |
|               |        | 10      | 1 17 -     | Back-to-Back | PHIX33318 BTB       | \$267              | \$303  | \$567   |       |
|               | 26"    | 36"     | 33-1/4"    | 1 1/4"       | Bolt-Thru           | PHIX333.3325.36 BT | \$199  | N/A     | \$479 |
|               |        | 55-1/4  | 1-1/4"     | Back-to-Back | PHIX333.3325.36 BTB | \$347              | N/A    | \$907   |       |
| 90°           | 48"    | 45-1/4" | 1-1/4"     | Bolt-Thru    | PHIX333.4525.48 BT  | \$244              | N/A    | \$674   |       |
|               | 40     | 45-1/4  | 1-1/4      | Back-to-Back | PHIX333.4525.48 BTB | \$429              | N/A    | \$1,389 |       |
|               | 56"    | 48"     | 1-1/4"     | Bolt-Thru    | PHIX33348 BT        | \$403              | N/A    | \$983   |       |
|               | 50     | 40      | 1-1/4      | Back-to-Back | PHIX33348 BTB       | \$728              | N/A    | \$1,888 |       |
|               | 68"    | 60"     | 1-1/4"     | Bolt-Thru    | PHIX33360 BT        | \$468              | N/A    | \$1,048 |       |
| _             | 00     |         | 1-1/4      | Back-to-Back | PHIX33360 BTB       | \$858              | N/A    | \$2,018 |       |
|               | 70"    | 64"     | 1-1/4"     | Bolt-Thru    | PHIX33364 BT        | \$598              | N/A    | \$1,288 |       |
|               | /2     | 72" 64" | 1-1/4      | Back-to-Back | PHIX33364 BTB       | \$1,118            | N/A    | \$2,498 |       |

Bolt-Thru consists of 1 single pull + 1 Bolt-Thru fixing pack (function code: BT) Back-to-Back consists of 2 single pulls + 1 Back-to-Back fixing pack (function code: BTB) For fixing packsee pages 237-239.



## **Surface Pulls**

Interior / Exterior Pull

|               |                 |         |           |              | [                   |       | Finish |         |
|---------------|-----------------|---------|-----------|--------------|---------------------|-------|--------|---------|
|               |                 |         |           |              |                     | 32D   | 32     | CeraMax |
| Image         | Length          | СТС     | Tube Dia. | Fixing       | ltem Code           |       | Price  |         |
|               | 12"             | 9-1/2"  | 7/8″      | Bolt-Thru    | PHIX330.912.12 BT   | \$147 | N/A    | \$297   |
| T1 Style Pull | 12              | 2172    | //0       | Back-to-Back | PHIX330.912.12 BTB  | \$215 | N/A    | \$515   |
|               | 16"             | 13-1/2" | 7/8″      | Bolt-Thru    | PHIX330.1312.16 BT  | \$120 | N/A    | \$260   |
|               | 10              | 13-1/2  | 770       | Back-to-Back | PHIX330.1312.16 BTB | \$191 | N/A    | \$491   |
|               | 18"             | 15-1/2" | 7/8″      | Bolt-Thru    | PHIX330.1512.18 BT  | \$120 | N/A    | \$260   |
|               | 10 13-          | 13-1/2  | //0       | Back-to-Back | PHIX330.1512.18 BTB | \$191 | N/A    | \$491   |
| 90°           | 90° 16" 13-1/4" | 10 1/4" | 1-1/4"    | Bolt-Thru    | PHIX333.1325.16 BT  | \$131 | N/A    | \$281   |
|               | 10              | 13-1/4  | 1-1/4     | Back-to-Back | PHIX333.1325.16 BTB | \$199 | N/A    | \$499   |
|               | 18"             | 15-1/4" | 1-1/4"    | Bolt-Thru    | PHIX333.1525.18 BT  | \$144 | N/A    | \$294   |
|               | 10              | 15-1/4  | 1-1/4     | Back-to-Back | PHIX333.1525.18 BTB | \$212 | N/A    | \$512   |
| T2 Style Pull |                 |         |           | Bolt-Thru    | PHIX34310 BT        | \$163 | \$178  | \$313   |
|               | 18"             | 10"     | 1-1/4"    | Back-to-Back | PHIX34310 BTB       | \$269 | \$303  | \$569   |
|               |                 |         |           | Self-Tapping | PHIX34310 ST        | \$163 | \$178  | \$313   |
|               |                 |         |           | Bolt-Thru    | PHIX34312 BT        | \$176 | \$194  | \$326   |
| 45°           | 20"             | 12"     | 1-1/4"    | Back-to-Back | PHIX34312 BTB       | \$295 | \$334  | \$595   |
|               |                 |         |           | Self-Tapping | PHIX34312 ST        | \$176 | \$194  | \$326   |
| •             |                 |         |           | Bolt-Thru    | PHIX34318 BT        | \$222 | \$241  | \$326   |
|               | 26"             | 18"     | 1-1/4"    | Back-to-Back | PHIX34318 BTB       | \$386 | \$420  | \$686   |
|               |                 |         |           | Self-Tapping | PHIX34318 ST        | \$222 | \$241  | \$326   |

Bolt-Thru consists of 1 single pull + 1 Bolt-Thru fixing pack (function code: BT)

Back-to-Back consists of 2 single pulls + 1 Back-to-Back fixing pack (function code: BTB) For fixing packsee pages 237-239.

|               |                               |           |      | Finish |         |  |
|---------------|-------------------------------|-----------|------|--------|---------|--|
|               |                               |           | 32D  | 32     | CeraMax |  |
| Image         | Description                   | Item Code |      | Price  |         |  |
| T2 Style Pull | SIngle Post for T-Shape Pulls | PHIX-PT45 | \$43 | \$47   | \$113   |  |

## 

## **Surface Pulls**

Interior / Exterior Pull

|               |             |      |              |                     |                     |       | Finish  |         |
|---------------|-------------|------|--------------|---------------------|---------------------|-------|---------|---------|
|               |             |      |              |                     |                     | 32D   | 32, 19G | CeraMax |
| Image         | Length      | СТС  | Tube Dia.    | Fixing              | Item Code           |       | Price   |         |
| L Style Pull  |             |      |              | Bolt-Thru           | PHIX301.8.875 BT    | \$66  | N/A     | \$196   |
|               | 8-3/4"      | 8"   | 3/4"         | Back-to-Back        | PHIX301.8.875 BTB   | \$105 | N/A     | \$365   |
|               |             |      |              | Self-Tapping        | PHIX301.8.875 ST    | \$66  | N/A     | \$196   |
|               |             |      |              | Bolt-Thru           | PHIX301.16.1675 BT  | \$101 | N/A     | \$251   |
|               | 16-3/4" 16" | 3/4" | Back-to-Back | PHIX301.16.1675 BTB | \$150               | N/A   | \$450   |         |
|               |             |      |              | Self-Tapping        | PHIX301.16.1675 ST  | \$101 | N/A     | \$251   |
|               |             |      |              | Bolt-Thru           | PHIX303.18.1925 BT  | \$183 | N/A     | \$333   |
|               | 19-1/4"     | 18"  | 1-1/4"       | Back-to-Back        | PHIX303.18.1925 BTB | \$255 | N/A     | \$555   |
|               |             |      |              | Self-Tapping        | PHIX303.18.1925 ST  | \$183 | N/A     | \$333   |
| L2 Style Pull |             |      |              | Bolt-Thru           | PHIX45012 BT        | \$215 | \$246   | \$365   |
| 90°           | 13" 12"     | 12"  | 1"           | Back-to-Back        | PHIX45012 BTB       | \$372 | \$387   | \$672   |
|               |             |      |              | Self-Tapping        | PHIX45012 ST        | \$215 | \$246   | \$365   |

Bolt-Thru consists of 1 single pull + 1 Bolt-Thru fixing pack (function code: BT)

Back-to-Back consists of 2 single pulls + 1 Back-to-Back fixing pack (function code: BTB)



## **PARTS AND SERVICES**

|   |   |              |                |           | Fin         | ish     |
|---|---|--------------|----------------|-----------|-------------|---------|
| Fixing Packs (S   | Self Taping   | ) for Surfac | e Pulls        |           | 32,32D, 19G | CeraMax |
| Surface Pull  | Tube Dia.   | Fixing       | Door Thickness | Item Code | Pri         | ce      |
| PHIX301<br>PHIX311<br>PHIX41714<br>PHIX45714<br>PHIX330<br>PHIX332<br>PHIX312 | 3/4"<br>3/4"<br>7/8"<br>1"<br>7/8"<br>1"<br>1"          | SelfTaping   | 1-3/4"         | PHIX9106  | \$48        | \$68    |
| PHIX312<br>PHIX313<br>PHIX322<br>PHIX323<br>PHIX333<br>PHIX45012<br>PHIX343   | 1-1/4"<br>1"<br>1-1/4"<br>1-1/4"<br>1" x 1/2"<br>1-1/4" |              | 3"             | PHIX9106  |             |         |

# 

## **PARTS AND SERVICES**

|                    |              |             |                |                     | Fin         | ish     |
|--------------------|--------------|-------------|----------------|---------------------|-------------|---------|
| ixing Packs (E     | Bolt-Thru) f | for Surface | Pulls          |                     | 32,32D, 19G | CeraMax |
| Surface Pull       | Tube Dia.    | Fixing      | Door Thickness | Item Code           | Pri         | ice     |
|                    |              |             | 1-3/4"         | PHIX9109            | \$366       | \$76    |
| PHIX301            | 3/4"         |             | 2"             | FNIX3103            | 2300        | 270     |
| PHIX311            | 3/4"         | Bolt Thru   | 2-1/4"         | PHIX9109 + PHIX9580 | \$42        | \$103   |
| PHIX41714          | 7/8"         | BOILTIN     | 2-1/2"         | PHIN9109 + PHIN9360 | 242         | \$105   |
| PHIX45714 1"       | 1"           |             | 2-3/4"         | PHIX9109 + PHIX9590 | \$42        | ¢102    |
|                    |              |             | 3"             | PHIX9109 + PHIX9590 | \$42        | \$103   |
|                    |              | Bolt Thru   | 1-3/4"         | PHIX9121            | \$42        | \$103   |
|                    |              |             | 2"             |                     |             |         |
| PHIX330            | 7/8"         |             | 2-1/4"         | PHIX9121 + PHIX9680 | \$48        | \$108   |
| PHIX332            | 1"           |             | 2-1/2"         |                     |             |         |
|                    |              |             | 2-3/4"         | PHIX9121 + PHIX9690 | ć 40        | ¢100    |
|                    |              |             | 3"             | PHIX9121 + PHIX9090 | \$48        | \$108   |
| PHIX312            | 1"           |             | 1-3/4"         |                     |             |         |
| PHIX313            | 1-1/4"       |             | 2"             | PHIX9104            | \$48        | \$108   |
| PHIX322            | 1"           |             | 2-1/4"         |                     |             |         |
| PHIX323<br>PHIX333 | 1-1/4"       | Bolt Thru   | 2-1/2"         | PHIX9104 - PHIX9138 |             |         |
| PHIX45012          | 1" x 1/2"    |             | 2-3/4"         |                     | \$54        | \$113   |
| PHIX343            | 1-1/4"       |             | 3"             |                     |             |         |



## **PARTS AND SERVICES**

| Surface Pull Fi        | ixing Pack       | s - Back-to- | Back           |                     | <b>Finish</b><br>32, 32D, 19G |
|------------------------|------------------|--------------|----------------|---------------------|-------------------------------|
| Surface Pull           | Tube Dia.        | Fixing       | Door Thickness | Item Code           | Price                         |
|                        |                  |              | 1-3/4"         | PHIX9112            | \$28                          |
|                        | 2 (4)            |              | 2"             |                     | ć D 4                         |
| PHIX301<br>PHIX311     | 3/4"<br>3/4"     |              | 2-1/4"         | PHIX9112 + PHIX8580 | \$34                          |
| PHIX41714<br>PHIX45714 | 7/8"<br>1 x 1/2" | Back-to-Back | 2-1/2"         | PHIX9112 + PHIX8590 | \$34                          |
| FTIIX43714             | 1 × 1/2          |              | 2-3/4"         |                     | ć D 4                         |
|                        |                  |              | 3"             | PHIX9112 + PHIX8510 | \$34                          |
|                        |                  |              | 1-3/4"         | PHIX9122            | \$28                          |
|                        |                  | Back-to-Back | 2"             | PHIX9122 + PHIX8680 | \$34                          |
| PHIX330                | 7/8"             |              | 2-1/4"         |                     | 774                           |
| PHIX332                | 1"               |              | 2-1/2"         | PHIX9122 + PHIX8690 | \$34                          |
|                        |                  |              | 2-3/4"         | PHIX9122 + PHIX9610 | \$34                          |
|                        |                  |              | 3"             |                     | τCÇ                           |
|                        |                  |              | 1-3/4"         | PHIX9105            | \$28                          |
| PHIX312<br>PHIX313     | 1"<br>1-1/4"     |              | 2"             |                     |                               |
| PHIX313<br>PHIX322     | 1-1/4            | Back-to-Back | 2-1/4"         | PHIX9105 + PHIX9138 | \$34                          |
| PHIX323<br>PHIX333     | 1-1/4"           | Dack-lo-Dack | 2-1/2"         |                     |                               |
| PHIX45012              | 1 x 1/2"         |              | 2-3/4"         | PHIX9105 + PHIX8120 | \$34                          |
|                        |                  |              | 3"             |                     | 204<br>204                    |
|                        |                  |              | 1-3/4"         | PHIX9105            | \$28                          |
|                        |                  |              | 2"             | PHIX9105 + PHIX9132 |                               |
| PHIX343                | 1-1/4"           | Back-to-Back | 2-1/4"         | PHIX9105 + PHIX9137 |                               |
| FT IIA343              | 1-1/4            | DACK-IO-DACK | 2-1/2"         | PHIX9105 + PHIX9131 | \$34                          |
|                        |                  |              | 2-3/4"         | PHIX9105 + PHIX9138 |                               |
|                        |                  |              | 3"             | PHIX9105 + PHIX8105 |                               |



## **Stainless Steel Pocket Pulls**

For Interior Doors

|       |  |          |         | Fin  | nish |                       |
|-------|--|----------|---------|------|------|-----------------------|
|       |  |          | 32, 32D | 19G  | PVD4 | CGY, CDB<br>C19G, C19 |
| Image | Description  | Item No. |         | Pr   | ice  |                       |
| 0     | Pocket pull circular<br>faceplate dia. 2-9/16", concealed<br>fixing, screws included                                   | FHIX01   | \$22    | \$24 | \$24 | \$112                 |
|       | Pocket pull semi-circular<br>faceplate dia. 3-9/16", concealed<br>fixing, screws included                              | FHIX02   | \$30    | N/A  | \$25 | \$120                 |
|       | Pocket pull rectangular<br>faceplate 2-3/8"x7-1/16", concealed<br>fixing, screws included                              | FHIXO3   | \$33    | \$37 | \$37 | \$123                 |
|       | Pocket pull oblong<br>faceplate 1-5/8"x4-3/4", concealed<br>fixing, screws included                                    | FHIX04   | \$22    | \$24 | \$24 | \$112                 |
| X     | Pocket pull square<br>faceplate 2-3/4", concealed fixing,<br>screws included   | FHIX05   | \$30    | \$35 | \$35 | \$120                 |
|       | Pocket pull rectangular<br>faceplate 1-7/8" x 4-3/4",<br>concealed fixing, screws included                             | FHIX06   | \$22    | \$24 | \$24 | \$112                 |
|       | Pocket pull rectangular<br>faceplate 2-3/8″x7-1/16″, with<br>rectangular opening, concealed<br>fixing, screws included | FHIX07   | \$33    | \$37 | \$37 | \$123                 |
|       | Round edge pull, 1" (25.4mm) dia., concealed fixing, screws included   | EPIX01   | \$14    | \$17 | \$17 | \$104                 |



## **Stainless Steel Door Stops**

For Interior Doors

|       |  |              |      |      | Finish   |      |                       |
|-------|--|--------------|------|------|----------|------|-----------------------|
|       |  |              | 32D  | 32   | 10B, 19G | PVD4 | CGY, CDB<br>C19G, C19 |
| Image | Description  | ltem No.     |      | 1    | Price    |      |                       |
|       | Floor mounted<br>Screws included                             | DSIX02       | \$30 | \$32 | \$32     | \$32 | \$90                  |
|       | Wall mounted, also can be used as coat hook, screws included | DSIX04       | \$27 | \$33 | \$33     | \$33 | \$87                  |
|       | Black rubber tip only  | DSIX04RUB    | \$7  | N/A  | N/A      | N/A  | N/A                   |
|       | Floor or wall mounted<br>Screws included                     | DSIX05       | \$22 | \$24 | N/A      | N/A  | \$82                  |
|       | Floor mounted<br>Screws included                             | DSIX06       | \$25 | \$27 | N/A      | N/A  | \$85                  |
|       | Wall mounted<br>Screws included                              | DSIX07       | \$25 | \$27 | N/A      | N/A  | \$85                  |
|       | Wall mounted<br>Screws included                              | DSIX08       | \$23 | \$25 | N/A      | \$25 | \$83                  |
|       | Wall mounted, screws included                                | DSIX09       | \$22 | \$24 | \$24     | \$24 | \$82                  |
|       | Door Stop Extension  | DSIX09EX     | \$17 | \$19 | \$19     | N/A  | \$77                  |
|       | Black rubber tip only  | DSIX09RUB    | \$7  | N/A  | N/A      | N/A  | N/A                   |
|       | White rubber tip only  | DSIX09RUB-WH | \$10 | N/A  | N/A      | N/A  | N/A                   |
|       | Wall mounted, also can be used as coat hook, screws included | DSIX14       | \$23 | \$25 | \$25     | \$25 | \$83                  |
|       | Black rubber tip only  | DSIX14RUB    | \$7  | N/A  | N/A      | N/A  | N/A                   |
|       | Wall mounted, also can be used as coat hook, screws included | DSIX19       | \$25 | \$27 | \$27     | \$27 | \$85                  |
|       | Black rubber tip only  | DSIX14RUB    | \$7  | N/A  | N/A      | N/A  | N/A                   |
| T     | Floor mounted<br>Screw included                              | DSIX26       | \$46 | \$50 | \$50     | \$50 | \$106                 |
|       | Floor mounted<br>Screw included                              | DSIX34       | \$43 | \$46 | \$46     | \$46 | \$103                 |

## **Stainless Steel Numbers and Letters**

#### Face Fixing:

# 0123456789 ÅBCD

| <u></u>        |      |        |           | 32D  | 32   | PVD4 | CGY, CDB<br>C19G, C19 |
|----------------|------|--------|-----------|------|------|------|-----------------------|
| Accessory Type | Size | Number | Item Code |      | Pr   | ice  |                       |
| Face Fixing    |      |        |           |      |      |      |                       |
| Number         | 3"   | 0      | NUIXF30   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 3"   | 1      | NUIXF31   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 3"   | 2      | NUIXF32   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 3"   | 3      | NUIXF33   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 3"   | 4      | NUIXF34   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 3"   | 5      | NUIXF35   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 3"   | 6      | NUIXF36   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 3"   | 7      | NUIXF37   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 3"   | 8      | NUIXF38   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 3"   | 9      | NUIXF39   | \$20 | \$22 | N/A  | \$90                  |
| Number         | 4"   | 0      | NUIXF40   | \$23 | \$26 | N/A  | \$93                  |
| Number         | 4"   | 1      | NUIXF41   | \$23 | \$26 | N/A  | \$93                  |
| Number         | 4"   | 2      | NUIXF42   | \$23 | \$26 | N/A  | \$93                  |
| Number         | 4"   | 3      | NUIXF43   | \$23 | \$26 | N/A  | \$93                  |
| Number         | 4"   | 4      | NUIXF44   | \$23 | \$26 | N/A  | \$93                  |
| Number         | 4"   | 5      | NUIXF45   | \$23 | \$26 | N/A  | \$93                  |
| Number         | 4"   | 6      | NUIXF46   | \$23 | \$26 | N/A  | \$93                  |
| Number         | 4"   | 7      | NUIXF47   | \$23 | \$26 | N/A  | \$93                  |
| Number         | 4"   | 8      | NUIXF48   | \$23 | \$26 | N/A  | \$93                  |
| Number         | 4"   | 9      | NUIXF49   | \$23 | \$26 | N/A  | \$93                  |
| Letter         | 3"   | А      | LTIXF3A   | \$20 | \$22 | \$26 | \$90                  |
| Letter         | 3"   | В      | LTIXF3B   | \$20 | \$22 | \$26 | \$90                  |
| Letter         | 3"   | С      | LTIXF3C   | \$20 | \$22 | \$26 | \$90                  |
| Letter         | 3"   | D      | LTIXF3D   | \$20 | \$22 | \$26 | \$90                  |
| Letter         | 4"   | A      | LTIXF4A   | \$23 | \$26 | N/A  | \$93                  |
| Letter         | 4"   | В      | LTIXF4B   | \$23 | \$26 | N/A  | \$93                  |
| Letter         | 4"   | С      | LTIXF4C   | \$23 | \$26 | N/A  | \$93                  |
| Letter         | 4"   | D      | LTIXF4D   | \$23 | \$26 | N/A  | \$93                  |

Numbers 0 to 9 available in 3" and 4" (Concealed Fixing or Face Fixing) Letters A, B, C and D available in 3" and 4" (Concealed Fixing or Face Fixing) size Face Fixing: Supplied with #6x3/4" stainless steel wood screws

044

Finish



## **Stainless Steel Numbers and Letters**

| Concealed Fixing: | )123 | 456    | 789       |      |      |      |                       |
|-------------------|------|--------|-----------|------|------|------|-----------------------|
|                   |      |        |           |      | Fin  | ish  |                       |
| <u>`</u>          |      | 5 5    |           | 32D  | 32   | 10B  | CGY, CDB<br>C19G, C19 |
| Accessory Type    | Size | Number | Item Code |      | Pr   | ice  |                       |
| Concealed Fixing  |      |        |           |      |      |      |                       |
| Number            | 3"   | 0      | NUIXN30   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 3"   | 1      | NUIXN31   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 3"   | 2      | NUIXN32   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 3"   | 3      | NUIXN33   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 3"   | 4      | NUIXN34   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 3"   | 5      | NUIXN35   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 3"   | 6      | NUIXN36   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 3"   | 7      | NUIXN37   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 3"   | 8      | NUIXN38   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 3"   | 9      | NUIXN39   | \$20 | \$22 | \$26 | \$90                  |
| Number            | 4"   | 0      | NUIXN40   | \$25 | \$27 | \$30 | \$95                  |
| Number            | 4"   | 1      | NUIXN41   | \$25 | \$27 | \$30 | \$95                  |
| Number            | 4"   | 2      | NUIXN42   | \$25 | \$27 | \$30 | \$95                  |
| Number            | 4"   | 3      | NUIXN43   | \$25 | \$27 | \$30 | \$95                  |
| Number            | 4"   | 4      | NUIXN44   | \$25 | \$27 | \$30 | \$95                  |
| Number            | 4"   | 5      | NUIXN45   | \$25 | \$27 | \$30 | \$95                  |
| Number            | 4"   | 6      | NUIXN46   | \$25 | \$27 | \$30 | \$95                  |
| Number            | 4"   | 7      | NUIXN47   | \$25 | \$27 | \$30 | \$95                  |
| Number            | 4"   | 8      | NUIXN48   | \$25 | \$27 | \$30 | \$95                  |
| Number            | 4"   | 9      | NUIXN49   | \$25 | \$27 | \$30 | \$95                  |
| Letter            | 3"   | А      | LTIXN3A   | \$20 | \$22 | \$26 | \$90                  |
| Letter            | 3"   | В      | LTIXN3B   | \$20 | \$22 | \$26 | \$90                  |
| Letter            | 3"   | С      | LTIXN3C   | \$20 | \$22 | \$26 | \$90                  |
| Letter            | 3"   | D      | LTIXN3D   | \$20 | \$22 | \$26 | \$90                  |
| Letter            | 4"   | А      | LTIXN4A   | \$23 | \$26 | \$29 | \$93                  |
| Letter            | 4"   | В      | LTIXN4B   | \$23 | \$26 | \$29 | \$93                  |
| Letter            | 4"   | С      | LTIXN4C   | \$23 | \$26 | \$29 | \$93                  |
| Letter            | 4"   | D      | LTIXN4D   | \$23 | \$26 | \$29 | \$93                  |

Numbers 0 to 9 available in 3" and 4" (Concealed Fixing or Face Fixing)

Letters A, B, C and D available in 3" and 4" (Concealed Fixing or Face Fixing) size

Letters A through Z available in 3" (Concealed Fixing) size

Concealed Fixing: Welded bolt sleeves on the back; special anchors and plugs supplied

Additional letters are available, contact a sales representative for details



## **Architectural Trim**

|       |                              |            | Fir   | ish                   |
|-------|------------------------------|------------|-------|-----------------------|
|       |                              |            | 32D   | CGY, CDB<br>C19G, C19 |
| Image | Description                  | Item No.   | Pr    | ice                   |
|       | Kick Plate 8" x 34"          | KPN0834    | \$56  | \$176                 |
|       | Kick Plate 10" x 34"         | KPN1034    | \$69  | \$189                 |
|       | Kick Plate 12" x 34"         | KPN1234    | \$82  | \$202                 |
|       | Beveled Kick Plate 8" x 34"  | KPN35-0834 | \$169 | \$288                 |
|       | Beveled Kick Plate 10" x 34" | KPN35-1034 | \$208 | \$328                 |
|       | Beveled Kick Plate 12" x 34" | KPN35-1234 | \$240 | \$360                 |
| 1     | Pull Plate 4" x 16"          | PPN4016R   | \$56  | \$104                 |
|       | Push Plate 4" x 16"          | PPN4016    | \$27  | \$97                  |



## **Auxiliary Hardware**

|          |  |          |       |      | Finish |      |       |
|----------|--|----------|-------|------|--------|------|-------|
|          |  |          | AL    | 26D  | 10B    | 3    | 32D   |
| Image    | Description                              | Item No. |       |      | Price  |      |       |
| <u> </u> | 52" Coordinator with 20" Filler Bar      | COR72    | \$280 | N/A  | N/A    | N/A  | N/A   |
|          | Magnetic Door Holder                     | DHM2100  | \$530 | N/A  | N/A    | N/A  | N/A   |
| -        | Dust Proof Strike                        | DPS280   | N/A   | \$45 | N/A    | N/A  | N/A   |
|          | Concave Wall Stop                        | DS401    | N/A   | \$13 | N/A    | N/A  | N/A   |
| 0        | Convex Wall Stop                         | DS406    | N/A   | \$13 | N/A    | N/A  | N/A   |
|          | Low Dome Stop                            | DS436    | N/A   | \$13 | N/A    | N/A  | N/A   |
| a de     | High Dome Stop                           | DS438    | N/A   | \$13 | N/A    | N/A  | N/A   |
| 0        | Door Viewer, Fire Rated                  | DV33200F | N/A   | \$33 | N/A    | N/A  | N/A   |
| : C-O    | Manual Flush Bolt (Wood Door)            | FB196W   | N/A   | \$75 | \$75   | \$75 | N/A   |
|          | Manual Flush Bolt (Metal Door)           | FB197M   | N/A   | \$58 | \$58   | \$58 | N/A   |
|          | Auto Flush Bolt (Wood Door)              | FBA291W  | N/A   | N/A  | N/A    | N/A  | \$195 |
|          | Auto Flush Bolt (Metal Door)             | FBA292M  | N/A   | N/A  | N/A    | N/A  | \$205 |
|          | Roller Latch<br>1"x 3-3/8" x 1-5/8"      | RL300    | N/A   | \$95 | \$95   | N/A  | N/A   |
| P []]    | Roller Latch<br>1-1/8" x 2-1/4" x 1-3/4" | RL320    | N/A   | \$95 | \$95   | N/A  | N/A   |

## **CeraMax**<sup>™</sup> **Price Groups**

|                               | Grou                      | up A                     |                           |                         |                            |                       |                        |                              | Group B                    | 3                           |                          |                           |                        |                          | Group C                 |
|-------------------------------|---------------------------|--------------------------|---------------------------|-------------------------|----------------------------|-----------------------|------------------------|------------------------------|----------------------------|-----------------------------|--------------------------|---------------------------|------------------------|--------------------------|-------------------------|
| Graphite Black<br><b>C19G</b> | Stormy Grey<br><b>CGY</b> | Flat Black<br><b>C19</b> | Dark Bronze<br><b>CDB</b> | Aqua Blue<br><b>C26</b> | Goblin Green<br><b>C23</b> | Red Hot<br><b>C28</b> | Bordeaux<br><b>C20</b> | Pink Bubblegum<br><b>C22</b> | Purple Reign<br><b>C25</b> | Deep Blue Sea<br><b>C27</b> | Ocean Blue<br><b>C24</b> | Cobalt Cool<br><b>C31</b> | Sand Man<br><b>C29</b> | Moon Light<br><b>C30</b> | Sun Dazed<br><b>C21</b> |
|                               |                           | Į                        |                           |                         |                            |                       |                        |                              |                            |                             |                          |                           |                        |                          |                         |

#### **Custom Items**

Please note that custom requests require special pricing and may not be covered under our warranty. Contact sales@unisonhardware.com for more information.

#### CeraMax<sup>™</sup> Finishes

CeraMax<sup>™</sup> ceramic coating finishes are guaranteed against finish defects and cracking, chipping, peeling, and flaking under normal use for up to two (2) years for commercial interior use. Ceramic coating will wear over time under normal use, and this warranty does not cover normal wear and tear of the product (which varies per color of finish) or any damage, alteration, or abuse to the finish from neglect or accident. Exterior installation or exposure to UV light will affect ceramic coating as part of normal wear and tear. INOX CeraMax ceramic coating is not UV rated. Contact INOX for information on higher UV CeraMax protection if needed.

#### Not covered under this Warranty:

- Product that has been scratched or abraded
- Product that has been incorrectly installed or mistreated
- Product installed in exterior applications and/or exposed to the water, outdoor weather, or elements, harsh environments, and/or commercial or industrial applications.
- Living Finishes, which are specifically designed to wear over time (i.e., Oil Rubbed Bronze finish)

UNISON HARDWARE, INC. MAKES NO OTHER WARRANTY, AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY PERIOD AS SET FORTH ABOVE. THE COMPANY'S MAXIMUM LIABILITY HEREUNDER IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT. IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, INCIDENTAL OR SPECIAL DAMAGES OF ANY NATURE ARISING FROM THE SALE OR USE OF THIS PRODUCT, WHETHER IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

## **CeraMax**<sup>™</sup> **Price Groups**

#### To order INOX Ceramic Coating:

1. Take list of desired product using 32D finish

2. Select the group [A or B or C] finish and add upcharge list pricing in chart

3. Additional one time setup fee per color based on quantities for Rainbeaux<sup>™</sup> Group B & C

#### Setup Fee for Rainbeaux<sup>™</sup> per color:

#### Lead Times:

\$450 NET for quantities less than and equal to 25 pieces / sets \$300 NET for quantities greater than 25 pieces / sets 4 - 5 weeks for Group A 6 - 8 weeks for Group B & C

|   |  | Group A | Group B           | Group C |  |  |
|---|--|---------|-------------------|---------|--|--|
| Category  | Series or Size   | Ad      | Add to List Price |         |  |  |
|   | RA / SE / GT / GS / SH Tubular Latch Sets  | \$180   | \$210             | \$280   |  |  |
| Interiors   | RA / SE / GT / GS / SH Tubular Half Passage                                      | \$150   | \$170             | \$300   |  |  |
|   | RA / SE / GT / GS / SH Tubular Single Dummy                                      | \$120   | \$140             | \$240   |  |  |
|   | XRA / XSE / XGT / XGS Series   | \$190   | \$220             | \$380   |  |  |
| Lock Sets   | SF / LA Tubular & Mortise  | \$280   | \$330             | \$560   |  |  |
|   | SF / LA Tubular & Mortise Dummy Pair   | \$200   | \$230             | \$400   |  |  |
|   | BL / BM / BK / CL / CK - 07 or 09 lever Set                                      | \$240   | \$280             | \$480   |  |  |
| Cylindrical Locks   | BL / BM / BK / CL / CK - 07 or 09 Single Dummy                                   | \$190   | \$220             | \$380   |  |  |
| <b>F</b>  | NY / MH / ME / BW - Tubular Active / Dummy Sets                                  | \$480   | \$540             | \$960   |  |  |
| Entrance Handleset  | NY / MH / ME / BW - Mortise Active / Dummy Sets                                  | \$430   | \$490             | \$860   |  |  |
| Universal Multipoint  | BP / MU - All lever designs & functions  | \$230   | \$310             | \$460   |  |  |
| Deadbolts / Privacy Bolts   | All series   | \$180   | \$190             | \$360   |  |  |
| PD2000  | Complete sets with Flush Pulls<br>FH12 / FH13 / FH22CF / FH23CF                  | \$190   | \$210             | \$380   |  |  |
|   | Complete sets with Flush Pulls<br>FH17 / FH22 / FH23 / FH27 / FH29 / FH31 / FH32 | \$250   | \$300             | \$500   |  |  |
|   | Complete set the ADA Pull<br>PHIX31108 / PHIX30108 / PHIX330.512.8               | \$280   | \$330             | \$560   |  |  |
| Pocket Door Locks   | Faceplate only   | \$60    | \$70              | \$120   |  |  |
| PD8000 / PD5000   | Strike only  | \$40    | \$50              | \$80    |  |  |
|   | Thumbturn only   | \$70    | \$81              | \$140   |  |  |
|   | Flush Pulls Only<br>FH17/ FH22 / FH23 / FH27 / FH29 / FH31 / FH32                | \$120   | \$130             | \$240   |  |  |
| Sliding Door Locks PD9000 Series  | Complete Sets  | \$280   | \$460             | \$560   |  |  |
|   | 8" ADA Pulls   | \$130   | \$160             | \$260   |  |  |
|   | Over 8" to 18" CTC Pull  | \$150   | \$180             | \$300   |  |  |
| Surface Pulls   | Over 18" to 33" CTC Pull   | \$280   | \$310             | \$560   |  |  |
| Pricing is per single pull (BT)<br>For BTB pricing will be multipled by 2 | Over 33" to 48" CTC Pull   | \$430   | \$490             | \$860   |  |  |
| ror brb pricing will be multipled by 2                                    | Over 48" to 60" CTC Pull   | \$580   | \$660             | \$1,160 |  |  |
|   | Greater than 60" CTC Pull  | \$690   | \$780             | \$1,380 |  |  |
| Barn Door Locks   | BD1000 & BD4000  | \$130   | \$160             | \$260   |  |  |
|   | Rim and Mortise Cylinder, IC Core Housing  | \$120   | \$130             | \$220   |  |  |
|   | Euro Cylinder  | \$160   | \$190             | \$320   |  |  |
|   | Hinges - Plain Bearing   | \$400   | \$460             | \$800   |  |  |
| Accessories   | Thick Door Kits (Privacy / Handlesets)   | \$120   | \$130             | \$240   |  |  |
|   | Doorstops - DSIX   | \$60    | \$70              | \$120   |  |  |
|   | Flush Pulls / Edge Pulls - FHIX / EPIX   | \$90    | \$130             | \$180   |  |  |
|   | Letters - LTIX / Numbers - NUIX  | \$70    | \$80              | \$140   |  |  |
|   | XSF Entry / Night Latch  | \$190   | \$240             | \$380   |  |  |
| Exit Device Trim  | XSF Passage / Dummy  | \$170   | \$220             | \$340   |  |  |



## **MicroArmor™ Price**

#### To order INOX MicroArmor Antimicrobial Coating:

Take list of desired product with requested finish

2. Add upcharge list pricing in chart

3. Calculate your company's discount price

Setup Fee:

Clear Cost \$80 NET

Black Coat: \$450 NET

#### Lead Times:

2 - 4 weeks for Group A 2 - 6 weeks for Group B

|   |  | Clear Coat | Black Coa |
|---|--|------------|-----------|
| Category  | Series or Size   | Add to L   | ist Price |
|   | RA / SE / GT / GS / SH Tubular Latch Sets  | \$180      | \$280     |
| Interiors   | RA / SE / GT / GS / SH Tubular Half Passage                                      | \$150      | \$300     |
|   | RA / SE / GT / GS / SH Tubular Single Dummy                                      | \$120      | \$240     |
|   | XRA / XSE / XGT / XGS Series   | \$190      | \$380     |
| Lock Sets   | SF / LA Tubular & Mortise  | \$280      | \$560     |
|   | SF / LA Tubular & Mortise Dummy Pair   | \$200      | \$400     |
|   | BL / BM / BK / CL / CK - 07 or 09 lever Set                                      | \$240      | \$480     |
| Cylindrical Locks   | BL / BM / BK / CL / CK - 07 or 09 Single Dummy                                   | \$190      | \$380     |
|   | NY / MH / ME / BW - Tubular Active / Dummy Sets                                  | \$480      | \$960     |
| Entrance Handleset  | NY / MH / ME / BW - Mortise Active / Dummy Sets                                  | \$430      | \$860     |
| Universal Multipoint  | BP / MU - All lever designs & functions  | \$230      | \$460     |
| Deadbolts / Privacy Bolts   | All series   | \$180      | \$360     |
| PD2000  | Complete sets with Flush Pulls<br>FH12 / FH13 / FH22CF / FH23CF                  | \$190      | \$380     |
|   | Complete sets with Flush Pulls<br>FH17 / FH22 / FH23 / FH27 / FH29 / FH31 / FH32 | \$250      | \$500     |
|   | Complete set the ADA Pull<br>PHIX31108 / PHIX30108 / PHIX330.512.8               | \$280      | \$560     |
| Pocket Door Locks   | Faceplate only   | \$60       | \$120     |
| PD8000 / PD5000   | Strike only  | \$40       | \$80      |
|   | Thumbturn only   | \$70       | \$140     |
|   | Flush Pulls Only<br>FH17/ FH22 / FH23 / FH27 / FH29 / FH31 / FH32                | \$120      | \$240     |
| Sliding Door Locks PD9000 Series  | Complete Sets  | \$280      | \$560     |
|   | 8" ADA Pulls   | \$130      | \$260     |
|   | Over 8" to 18" CTC Pull  | \$150      | \$300     |
| Surface Pulls   | Over 18" to 33" CTC Pull   | \$280      | \$560     |
| Pricing is per single pull (BT)<br>For BTB pricing will be multipled by 2 | Over 33" to 48" CTC Pull   | \$430      | \$860     |
| or bro pricing will be manipled by 2                                      | Over 48" to 60" CTC Pull   | \$580      | \$1,160   |
|   | Greater than 60" CTC Pull  | \$690      | \$1,380   |
| Barn Door Locks   | BD1000 & BD4000  | \$130      | \$260     |
|   | Rim and Mortise Cylinder, IC Core Housing  | \$120      | \$220     |
|   | Euro Cylinder  | \$160      | \$320     |
|   | Hinges - Plain Bearing   | \$400      | \$800     |
| Accessories   | Thick Door Kits (Privacy / Handlesets)   | \$120      | \$240     |
|   | Doorstops - DSIX   | \$60       | \$120     |
|   | Flush Pulls / Edge Pulls - FHIX / EPIX   | \$90       | \$180     |
|   | Letters - LTIX / Numbers - NUIX  | \$70       | \$140     |
|   | XSF Entry / Night Latch  | \$190      | \$380     |
| Exit Device Trim  | XSF Passage / Dummy  | \$170      | \$340     |



## **INOX Finish Collection**

Stocked finishes on stocked items - 1 to 2 weeks Stocked finishes on limited items - 2 to 4 weeks Stocked CeraMax finishes on stocked items - 2 to 4 weeks Special order CeraMax finishes on stocked items - 6 to 8 weeks including setup fee, see page 107 Special order finishes on custom orders – 12 to 16 weeks, MOQ may apply Key PVD: Physical Vapor Deposition EP: Electroplating SS: Stainless Steel CeraMax: Ceramic Coating

| Finish Swatch | Finish Code | Finish Description                    | Material / Coating | Stocked | Special Order |
|---------------|-------------|---------------------------------------|--------------------|---------|---------------|
|               | 32          | Bright Stainless Steel                | SS                 | √       |               |
|               | 32D         | Satin Stainless Steel                 | SS                 |         |               |
|               | 15          | Satin Nickel                          | EP                 |         | √             |
|               | 26D         | Satin Chrome                          | EP                 |         | √             |
|               | 14          | Polished Nickel                       | PVD                |         | √             |
|               | 26          | Polished Chrome                       | EP                 |         | √             |
|               | 3UNL        | Unlacquered Brass                     | Brass              |         | √             |
|               | 3           | Bright Brass                          | PVD                |         | √             |
|               | 36          | Champagne                             | PVD                |         | √             |
|               | 4           | Satin Brass                           | PVD                | √       |               |
|               | 38          | Aged Brass                            | EP                 |         | √             |
|               | 39          | Aged Gold                             | PVD                |         | √             |
|               | 40          | Rose Gold                             | PVD                |         | √             |
|               | 41          | Amber                                 | PVD                |         | √             |
|               | 50          | Platinum                              | PVD                |         | √             |
|               | 51          | Espresso                              | PVD                |         | √             |
|               | 65          | Black Pearl                           | PVD                |         | √             |
|               | 15A         | Pewter                                | EP                 |         | √             |
|               | 10B         | Oil Rubbed Bronze                     | EP                 |         |               |
|               | 19G         | Graphite Black                        | EP                 |         |               |
|               | C19G        | Graphite Black                        | CeraMax            |         |               |
|               | C19         | Flat Black                            | CeraMax            |         |               |
|               | CGY         | Stormy Grey                           | CeraMax            |         |               |
|               | CDB         | Dark Bronze                           | CeraMax            | √       |               |
|               | C20         | Rainbeaux – Bordeaux                  | CeraMax            |         | √             |
|               | C21         | Rainbeaux – Sun Dazed                 | CeraMax            |         | √             |
|               | C22         | Rainbeaux – Pink Bubblegum            | CeraMax            |         | √             |
|               | C23         | Rainbeaux – Goblin Green              | CeraMax            |         | $\checkmark$  |
|               | C24         | Rainbeaux – Ocean Blue                | CeraMax            |         | $\checkmark$  |
|               | C25         | Rainbeaux – Purple Reign              | CeraMax            |         | √             |
|               | C26         | Rainbeaux – Aqua Blue                 | CeraMax            |         |               |
|               | C27         | Rainbeaux – Deep Blue Sea             | CeraMax            |         | $\checkmark$  |
|               | C28         | Rainbeaux – Red Hot                   | CeraMax            |         |               |
|               | C29         | Rainbeaux – Sand Man                  | CeraMax            |         |               |
|               | C30         | Rainbeaux – Moon Light                | CeraMax            |         |               |
|               | C31         | Rainbeaux – Cobalt Cool               | CeraMax            |         | √             |
|               |             | · · · · · · · · · · · · · · · · · · · |                    |         |               |



## Marketing items available from INOX



**INOX Swatch Book** MKT-SWBK-2019.1



INOX CeraMax Rainbeaux Swatch Ring MKT-SWRG-RBSW



**INOX 24 Swatch Ring** MKT-SWRG-24SW



**INOX Stocked Swatches** MKT-SWRG-STSW



**INOX Gen 6 Tower** MKT-TWR-G6



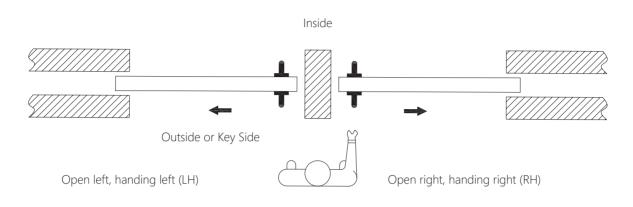
**INOX** Rainbeaux Swatch Book MKR-SWBK-RAINBEAUX

LIST PRICES



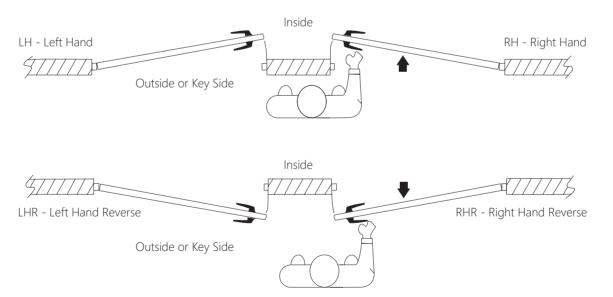
## **Understanding Handing**

Swing Door versus Sliding Door



#### **SLIDING DOOR HANDING**

- Handing refers to the direction the door slides open. Example: If the door slides to the left to open, it is a left-handed door.
- Determine door direction from the exterior or key side of the door when facing into the room.



#### SWING DOOR HANDING

- Handing refers to the direction the door swings open. Example: If the door swings open to the left, it is a left-handed door.
- Determine door direction from the exterior or key side of the door when facing into the room.

# 

## **INOX COMMERCIAL PRODUCT WARRANTY**

#### Limited Commercial Warranty

Unison Hardware, Inc. ("INOX") warrants its commercial products shall be free from defects in material and workmanship under normal use and regular service and maintenance for a period of three (3) years from the date of delivery, excluding components made of wood, leather, or plastic.

If a product fails due to defects in material or workmanship during the warranty period, INOX will replace it with the most nearly identical product which we sell at the time. INOX will not be liable for any labor charges or freight costs incurred in connection with repair or replacement of a product. The sole and maximum liability for defective goods sold and manufactured by INOX shall never exceed the cost of the subject products.

#### This warranty does not cover:

- 1. Damage resulting from negligence, misuse, abuse, or accident occurring during or after installation
- 2. Damage due to use outside normal architectural requirements
- 3. Defects resulting from any modification or improper installation
- 4. Improper torquing (tightening) during or after installation
- 5. Improper door preparation
- 6. Use of residential grade products in commercial applications
- 7. Products installed in exterior application and/or exposed to the water, outdoor weather, or elements

#### **Custom Items**

Custom Items require special pricing and may not be covered under our warranty. Contact sales@unisonhardware.com for more information.

#### Limited Finish Warranty

Unison Hardware warrants its INOX products made of stainless steel material and with stainless steel finish (polished or satin) against tarnishing for up to three (3) years for commercial use so long as proper, regular care and maintenance occur.

This warranty does not cover:

- Damage resulting from using installation compounds that are harmful to metal finishes or using harsh cleaning solutions or any cleaning detergent containing chlorides, alcohol, or lime deposits
- Product installed in exterior applications and/or exposed to the water, outdoor weather or elements, or
- harsh environments
- Changes to living finishes that normally take place with the passage of time, including 10B Oil Rubbed Bronze and 19G Graphite Black
- Use in any manner contrary to INOX's printed instructions

#### CeraMax<sup>™</sup> Finishes

CeraMax ceramic coating finishes are guaranteed against finish defects and cracking, chipping, peeling, and flaking under normal use for up to two (2) years. Ceramic coating will wear over time under normal use, and this warranty does not cover normal wear and tear of the product (which varies per color of finish) or any damage, alteration, or abuse to the finish from neglect or accident. Exterior installation, exposure to UV light or salt spray will affect ceramic coating as part of normal wear and tear. INOX CeraMax ceramic coating is not UV rated.

UNISON HARDWARE, INC. MAKES NO OTHER WARRANTY, AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY PERIOD AS SET FORTH ABOVE. THE COMPANY'S MAXIMUM LIABILITY HEREUNDER IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT. IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, INCIDENTAL OR SPECIAL DAMAGES OF ANY NATURE ARISING FROM THE SALE OR USE OF THIS PRODUCT, WHETHER IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE.THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.



## **INOX RESIDENTIAL PRODUCT WARRANTY**

#### **Limited Mechanical Warranty**

Unison Hardware, Inc. ("INOX") warrants its residential products shall be free from defects in material and workmanship under normal use and regular service and maintenance for the life of the product for Residential use, excluding components made of wood, leather, or plastic. This Warranty extends to the original purchaser and first consumer owner only.

If a product fails due to defects in material or workmanship during the warranty period, INOX will replace it with the most nearly identical product which we sell at the time. INOX will not be liable for any labor charges or freight costs incurred in connection with repair or replacement of a product. Our sole and maximum liability for defective goods (sold and manufactured by INOX) shall never exceed the cost of the subject products.

#### This warranty does not cover:

- 1. Damage resulting from negligence, misuse, abuse, or accident occurring during or after installation
- 2. Damage due to use outside normal architectural requirements
- 3. Defects resulting from any modification or improper installation
- 4. Improper torquing (tightening) during or after installation
- 5. Improper door preparation
- 6. Use of residential grade products in commercial applications
- 7. Products installed in exterior application and/or exposed to the water, outdoor weather, or elements

#### **Custom Items**

Custom Items require special pricing and may not be covered under our warranty. Contact sales@unisonhardware.com for more information.

#### Finishes

With regular care and maintenance to remove stains, dirt, and condensation, Finishes are also covered for a period of three (3) years.

This warranty does not cover:

- 1. Damage resulting from using installation compounds that are harmful to brass and metal finishes or using improper cleaning solutions such as disinfection/antibacterial solutions or any cleaning detergent containing chlorides, alcohol or lime deposits
- 2. Product installed in exterior applications and/or exposed to the water, outdoor weather, or elements, harsh environments, and/or commercial or industrial applications
- 3. Changes to finish that normally take place with the passage of time
- 4. Use in any manner contrary to INOX's printed instructions.

#### **CeraMax™** Finishes

CeraMax ceramic coating finishes are guaranteed against finish defects and cracking, chipping, peeling, and flaking under normal use for up to two years for commercial use. Ceramic coating will wear over time under normal use, and this warranty does not cover normal wear and tear of the product (which varies per color of finish) or any damage, alteration, or abuse to the finish from neglect or accident. Exterior installation, exposure to UV light or salt spray will affect ceramic coating as part of normal wear and tear. INOX CeraMax ceramic coating is not UV rated. No representative or employee of INOX/Unison Hardware, Inc. is authorized to make any modification or addition to this warranty.

UNISON HARDWARE, INC. MAKES NO OTHER WARRANTY, AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY PERIOD AS SET FORTH ABOVE. THE COMPANY'S MAXIMUM LIABILITY HEREUNDER IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT. IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, INCIDENTAL OR SPECIAL DAMAGES OF ANY NATURE ARISING FROM THE SALE OR USE OF THIS PRODUCT, WHETHER IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE.THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

## **INOX ELECTRONIC PRODUCTS WARRANTY**

#### Limited Electronic Warranty

Unison Hardware, Inc. ("INOX") warrants its electronic products shall be free from defects in material and workmanship under normal use and regular service and maintenance for one (1) year, excluding components made of wood, leather, or plastic.

If a product fails due to defects in material or workmanship during the warranty period, INOX will replace it with the most nearly identical product which we sell at the time. INOX will not be liable for any labor charges or freight costs incurred in connection with repair or replacement of a product. Our sole and maximum liability for defective goods sold and manufactured by INOX shall never exceed the cost of the subject products.

#### This warranty does not cover:

- 1. Damage resulting from negligence, misuse, abuse, or accident occurring during or after installation
- 2. Damage due to use outside normal architectural requirements
- 3. Defects resulting from any modification or improper installation
- 4. Improper torquing (tightening) during or after installation
- 5. Improper door preparation
- 6. Use of residential grade products in commercial applications
- 7. Products installed in exterior application and/or exposed to the water, outdoor weather, or elements

#### **Custom Items**

Custom Items require special pricing and may not be covered under our warranty. Contact sales@unisonhardware.com for more information.

#### **Limited Finishes Warranty**

Unison Hardware warrants its INOX Products made of stainless steel material and with stainless steel finish (polished or satin) against tarnishing for the life of the product for residential use and for up to three (3) years for commercial use so long as proper, regular care and maintenance occur. This warranty is extended to the original purchaser of INOX products if the user occupies the residential premises on which the products were originally installed.

This warranty does not cover:

- Damage resulting from using installation compounds that are harmful to metal finishes or using harsh cleaning solutions or any cleaning detergent containing chlorides, alcohol or lime deposits
- b. Product installed in exterior applications and/or exposed to the water, outdoor weather, or elements, harsh environments, and/or commercial or industrial applications
- c. Changes to living finishes that normally take place with the passage of time, including 10B Oil Rubbed Bronze and 19G Graphite Black
- d. Use in any manner contrary to INOX's printed instructions

#### CeraMax<sup>™</sup> Finishes

CeraMax ceramic coating finishes are guaranteed against finish defects and cracking, chipping, peeling, and flaking under normal use for up to two years for commercial use. Ceramic coating will wear over time under normal use, and this warranty does not cover normal wear and tear of the product (which varies per color of finish) or any damage, alteration, or abuse to the finish from neglect or accident. Exterior installation, exposure to UV light or salt spray will affect ceramic coating as part of normal wear and tear. INOX CeraMax ceramic coating is not UV rated. No representative or employee of INOX/Unison Hardware, Inc. is authorized to make any modification or addition to this warranty.

UNISON HARDWARE, INC. MAKES NO OTHER WARRANTY, AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY PERIOD AS SET FORTH ABOVE. THE COMPANY'S MAXIMUM LIABILITY HEREUNDER IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT. IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, INCIDENTAL OR SPECIAL DAMAGES OF ANY NATURE ARISING FROM THE SALE OR USE OF THIS PRODUCT, WHETHER IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE.THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.



## **Care & Maintenance**

#### **Lever and Knob Handles**

When installed correctly in accordance with the instructions, levers will not require initial adjustment. All fixings should be checked **from time to time based on conditions of use to adjust or tighten if needed.** Badly fitted hardware can cause interference with the operation of the lock and damage the surface or finish.

INOX<sup>®</sup> snap-on rose covers should only be removed using proper tools. Be extremely careful to avoid marring the door and hardware finish if removing a snap-on rose cover. Contact INOX for more information.

#### **Care of Finishes**

Today's environment exerts an immense toll on product material; hardware must be able to stand up to such atmospheric conditions as pollution, salt spray, and high humidity. Additionally, products must be protected against cleaning agents/solutions, and ideally the product should offer hypo-allergenic properties. Here are some tips **for** taking care of INOX finishes.

**Stainless Steel** is renowned for superior resistance to corrosion and for high performance with low maintenance. Stainless steel corrosion resistance is due to the presence of a thin, durable film of passive but stable chromium oxide. This film is inert, invisible, extremely adherent, and self-repairing, so it provides an unrivaled protection for steel; should the film be damaged or removed it will regenerate independently, provided oxygen is present to allow the reaction to occur with the chromium content of the steel. Therefore, you should ensure regular cleaning and maintenance of the hardware to restore the original surface appearance, prevent corrosion, and maintain hygienic conditions.

#### Cleaning

- Initially, wash down the surface using a special polishing agent for stainless steel, such as Flitz, or soapy water or a very mild detergent.
- Always thoroughly rinse the cleaning agent away with clean, warm water.
- Dry and polish the item with a soft, dry cloth. With aggressive conditions such as offshore, marine, and swimming pool environments, it is especially important to ensure that cleaning maintenance occurs regularly. Discoloration If spots appear on the surface it is **not a property of** the stainless steel, but impurities in the water, the air or to cleaning agents that have not been thoroughly removed from the surface.
- Spots can be avoided by careful cleaning.
- If discoloration or spots occur, remove by using special polishing agents for stainless steel or a light scouring cream.
- Finally, rinse thoroughly with clean water and polish with a soft, dry cloth.

#### What to Avoid!

- Scouring powders **and pads**
- Steel wool
- · Strong abrasive materials

#### Care of CeraMax<sup>™</sup> Finishes

• CeraMax ceramic coating finishes can be easily cleaned by wiping with acetone or Windex<sup>®</sup> and a microfiber cloth. Never use abrasives **to clean ceramic coating**.

For further information on stainless steel or CeraMax, please contact your local INOX® sales representative.

#### ΙΝΟΧ

6 Wayne Court, Sacramento, CA 95829, USA Tel: +1.916.388.1888 Fax: +1.916.388.8322 Email: info@unisonhardware.com Web: www.inoxproducts.com

## **Terms and Conditions**

#### PRICING

- List prices are effective on the date appearing on the cover and are subject to change without notice. List Prices are subject to discounts in effect at the time orders are acknowledged in writing.
- If, under any law now or hereafter passed, the seller is required to pay a tax on sales or an excise tax, the amount of these taxes will be added to the invoice value.
- Errors or omissions are subject to correction.
- All quoted jobs must clearly reference the quote number on the purchase order to receive special quoted prices.
- Delivery Unison Hardware, Inc. ("INOX") will not be responsible for any loss or damage resulting from delay in filling orders caused by fire, flood, strikes, differences with workers, government regulations, accidents, transportation delays, shortages of materials, or other causes beyond our control.
- Materials Should raw material prices rise substantially it may become necessary to add a surcharge by material type at the time of shipment. Orders are processed in order of receipt but lead times will vary in relation to production specifications. Errors or omissions in published prices are subject to correction.

#### PAYMENT

- Unison Hardware, Inc. ("INOX") will provide an invoice by email to customer once products have been shipped. Printed copies are only available upon request.
- Customer shall make payment in US Dollars to INOX according to the invoice amount without any other deduction, credit or set off within 30 (Thirty) Days of the date of invoice; or otherwise in accordance with such credit terms as may have been agreed in writing between INOX and the Customer.
- If a payment by check incurs a NSF (non-sufficient funds) bank charge a \$50.00 fee will be added to the account.
- INOX is not obliged to accept orders from any Customer who has not supplied INOX with references satisfactory to INOX. If at any time INOX is not satisfied as to the creditworthiness of the Customer, it may give notice in writing or electronically to the Customer that no further credit will be allowed to the Customer, in which event no further goods or services will be delivered or provided to the Customer other than against advance cash payment; and all amounts owing by the Customer to INOX shall be immediately payable.
- Customer accounts unpaid at the expiration of 90-days from the date of invoice will be subject to a late payment charge of 2% per month of the total balance or the highest rate permissible by law if less. Also, accounts unpaid after 90-days will be subject to C.O.D. shipments. Accounts unpaid after 90-days will be placed for collection. All collection charges, attorney fees, and court costs will be added to the amount due.
- Discount level, credit limit and payment terms will be re-evaluated for accounts unpaid 3 times at expiration of 90-days from the date of invoice.
- Prepayment Terms:
- \* Payment must be received in full before shipments are released.
- \* All Customer accounts are on prepayment term until credit application is submitted and approved. A credit application form must be filled out and is subject to approval before any credit payment terms are extended to Customers.
- \* For special order items, a deposit may be required before production starts.
- \* For orders over Customer's credit limit, prepayment of the difference must be collected before order is accepted.

#### MINIMUM ORDER CHARGES

• Orders with a net value of less than \$50.00 are subject to a \$5.00 handling fee added to the invoice.

#### MINIMUM ANNUAL PURCHASE REQUIREMENTS FOR ACTIVE ACCOUNT

• A minimum annual purchase amount of \$7500.00 is required to maintain an open account with INOX.

#### **PRODUCT CHANGES**

• INOX reserves the right to make changes or improvements in design, material, parts, or specifications, as well as to discontinue products at any time.



## **Terms and Conditions**

#### SHIPPING AND FREIGHT CHARGES

- All shipments are F.O.B. Sacramento CA. Shipping is prepaid to the contiguous U.S. on orders having a value of \$1,000.00 net with standard discount. Freight prepaid on orders of \$2,500 net or more to Alaska, Hawaii and Canada. Shipping and Freight prepaid on shipments of \$2,500 net or more for projects with deeper than standard discounts. Any other international destination shipping and/ or freight to be quoted. Any request for shipments not falling under these guidelines may be subject to a handling charge.
- INOX will not provide consignee or third-party freight billing.
- Requests for shipping methods other than Ground, e.g., Next Day, 2 Day, 3 Day, etc., must be made in writing.

#### **ORDER CANCELLATIONS**

• Any orders for made-to-order and/or non-stock goods accepted by INOX are non-cancellable except with prior written consent, and if consent is granted will be subject to a service charge based on the manufacturing expenses incurred. Under no circumstances will non-stock, made-to-order or discontinued product be accepted for return unless due to INOX error.

#### **RETURN GOODS AUTHORIZATION POLICY**

INOX accepts returns of resalable items with original packaging within 90 days of invoice date, subject to a 30% restocking fee and customer-paid return shipping. Returns require a Return Goods Authorization (RGA) and minimum value of \$25. Custom hardware, specialty finishes (CeraMax ceramic coating, laser art), and OEM products are non-returnable. For warranty claims on defective items, INOX conducts inspection upon receipt. Approved warranty claims receive reimbursement or replacement of the item, including shipping charges. Customers have 5 business days to provide disposal instructions for rejected returns, after which items will be recycled. Visit https://www.inoxproducts.com/faqs for complete details and return initiation.

#### WARRANTY RETURNS

• A credit in the amount of the original purchase order will be issued after the returned product is inspected and the defect is found to be valid.

#### **DELIVERY AND INSPECTION**

• Customer will inspect all product deliveries immediately upon receipt. INOX will assume acceptance of delivered product if not notified within 5-days of receipt of product.

#### CLAIMS

- All claims should be submitted to INOX as follows:
- All claims for pricing adjustments must be submitted within 30-days of invoice date.
- All claims for order quantity discrepancies must be submitted within 5-days of receipt of product.
- All claims for damaged material prior to acceptance by customer must be submitted within 5-days of receipt of product.

#### LIMITED WARRANTY

- Subject to the limitations of liability set forth below, Unison Hardware, Inc. ("INOX") warrants to first purchaser that the products which INOX sells under the "Unison" and/or "INOX" trademark/s and/or trade names are free from defects in workmanship and materials under normal use and regular service and maintenance from date of delivery.
- This is the sole and exclusive warranty given by INOX with respect to the products and is in lieu of any and all other warranties, express or implied, arising by operation of law or otherwise. All implied warranties, including but not limited to the warranties of merchantability, non-infringement and fitness for a particular purpose, are hereby excluded.
- This warranty does not cover defects or damage arising from improper installation, incorrect application, lack of or improper maintenance, improper storage, shipping and handling, excessive wear and tear, misuse, abuse, accident, unauthorized service, or use with unauthorized products or parts. INOX warranties its products from the date of delivery for a period as follows:

## **Terms and Conditions**

|            |                              | Residential |           | Commercial |           |
|------------|------------------------------|-------------|-----------|------------|-----------|
|            |                              | Interior    | Exterior* | Interior   | Exterior* |
| Mechanical |                              | 10-Year     | 3-Year    | 3-Year     | 1-Year    |
| Electro    | nic                          | 2-Year      | 1-Year**  | 1-Year     | 1-Year**  |
| Finish     | Stainless Steel              | 10-Year     | 3-Year    | 3-Year     | 1-Year    |
|            | PVD                          | 10-Year     | 3-Year    | 3-Year     | 1-Year    |
|            | CeraMax                      | 10-Year     | 3-Year    | 3-Year     | 1-Year    |
|            | Powder Coating               | 10-Year     | 3-Year    | 3-Year     | 1-Year    |
|            | ElectroPlated                | 2-Year      | 1-Year    | 1-Year     | 1-Year    |
|            | Living Finish<br>Unlacquered | N/A         | N/A       | N/A        | N/A       |

\*Exterior means doors facing outside of the property but with overhang.

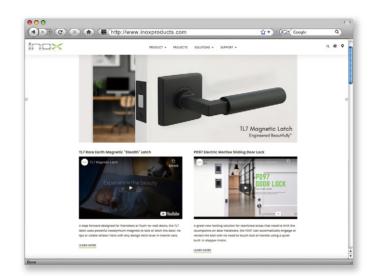
Completely exposed under the weather is not included in this warranty unless it has an IP65 Outdoor Rating.

\*\* Only when products with IP65 outdoor rating.

The sole and exclusive liability of INOX under this warranty or otherwise, shall be limited to the repair or replacement of any product or component part which shall prove defective to the original purchaser from INOX. INOX will not pay for the costs or repair performed other than in accordance with this warranty. INOX shall not be liable for damages caused by delay in performance and in no event, regardless of the form of the claim or cause of action (whether based on contract, infringement, negligence, strict liability, other tort or otherwise) shall INOX's liability to purchaser and/or its customers exceed the price paid by purchaser for the specific products giving rise to the claim or cause of action. Purchaser agrees that in no event shall INOX's liability to purchaser and/or its customers exceed to include incidental, consequential or punitive damages resulting from use of these products or arising out of any breach of this warranty. The term "consequential damages" shall include, but is not limited to, loss of anticipated profits, business interruption, loss of use or revenue, cost of capital or loss or damage to property or equipment. The foregoing limitations and exclusions are intended to be effective to the maximum extent permitted by law. This warranty is governed by the law of the State of California without regard to its conflicts of law principles. INOX and purchaser agree that the United Nations Convention on Contracts for the International Sale of Goods shall not apply to sales of the products covered by this warranty.

Written notice of a product believed to be defective as covered by this Warranty should be sent to Unison Hardware, Inc. (INOX), 6 Wayne Court, Sacramento CA 95829 within 30-days from the discovery of the alleged defects, and should include the purchaser's name and address, identification of the product, and brief description of the defect. Upon receipt of such notice, INOX will inform the purchaser where to ship such product, shipping charges prepaid, for examination. In the event such examination reveals a defect covered by this warranty, INOX will, at its own option, repair or replace the product, and return it or the replacement to the purchaser, with charge only for transportation.

The completion, signing and submission of this Agreement by Customer to INOX for consideration of a credit account constitute understanding and acceptance of this Agreement's terms and conditions.



#### Please visit our website <u>www.inoxproducts.com</u>

for more technical and new product information.

#### INOX<sup>™</sup>

6 Wayne Court, Sacramento, CA 95829, USA Tel: +1.916.388.1888 Email: info@unisonhardware.com Web: www.inoxproducts.com

#### **DEPARTMENT EMAIL**

Purchase Orders: orders@unisonhardware.com Account Management: sales@unisonhardware.com Return Requests: returns@unisonhardware.com Marketing: marketing@unisonhardware.com Support: support@unisonhardware.com Sales: sales@unisonhardware.com