

### Knockout Bushing



3210 Series

Provides smooth, rounded insulation surface for easy wire pulling!

- Quickly snaps into outlet box, switch box or other enclosure left vacant by wiring modifications or maintenance changes
- High-impact polycarbonate, one-piece construction
- Easily installed by hand
- UL Listed 105° C

#### Application

- To bush knockout openings in metal boxes or enclosures

#### Features

- One-piece construction designed to snap in place
- High-impact strength, self extinguishing, non-dripping (per UL 94) polycarbonate construction

#### Standard Material

Polycarbonate rated for 105° C (221° F) application

#### Standard Finish

As molded

#### Range

.875" through 2.469" nominal diameter knockout opening (½" through 2" trade size knockouts)

Wall thickness of box or enclosure

.095" max. up to 1" trade size

.140" max. 1¼" through 2" trade size

#### Listings/Compliances

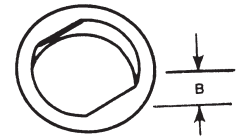
UL (UL File No. E-3803)

CSA (LR-589,LR-4484)

UL 514B

CSA C22.2 No. 18

NFPA 70-1999 (ANSI)



CAT. NO.	FOR USE IN KO SIZE*	DIMENSION (IN.) B
3210	.875	.360
3211	1.109	.360
3212	1.375	.360
3213	1.734	.400
3214	1.984	.520
3215	2.469	.520

\* Per UL and NEMA standards. Refer to "Knockout Plugs" table on next page.

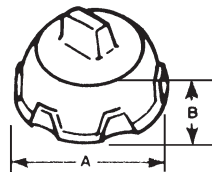
Oxygen index >28° UL 94V-1

UL File No. E-3803 CSA File No. 589

Makes a workman-like seal against grit, plaster and mischief!

### Capped Bushings

- Removable with pliers
- ½" through 1¼" sizes in steel
- 1½" and 2" sizes in malleable iron



CAT. NO.	SIZE	DIMENSION (IN.)	
		A	B
1460	½"	1½"	1½"
1461	¾"	1"	7/16"
1462	1"	1½"	½"
1463	1¼"	1¾"	9/16"
1464	1½"	2"	11/16"
1465	2"	2½"	5/8"

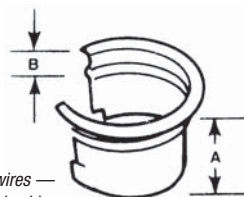
UL File No. E-23018 CSA File No. 2884



Snaps into a regular bushing to make a UL Listed insulated bushing!

### INSULINER® Sleeves

- Converts ordinary bushing to code-approved insulated bushing without disturbing wiring
- For use with standard rigid conduit, EMT (thinwall conduit) or any standard bushed outlet
- Especially suited for use with flexible metallic conduit
- High-dielectric nylon material, rated 105° C



Slip over wires —  
insert into bushing —  
snaps into place

CAT. NO.	SIZE	DIMENSION (IN.)	
		A	B
422	½"	5/8"	.025
423	¾"	11/16"	.025
424	1"	7/8"	.025
425	1¼"	1"	.030
426	1½"	1"	.030
427	2"	1½"	.030
428	2½"	1¾"	.040
429	3"	1½"	.040
430	3½"	1¾"	.055
431	4"	2"	.055
433	5"	2½"	.070
434	6"	2½"	.070

Oxygen index >28° UL File No. E-23018 CSA File No. 589

