



HHRobertson®
IN-FLOOR CABLE DISTRIBUTION SYSTEMS

PARTS CATALOG

TAPMATE® OUTLET SERIES

and other HH Robertson® Floor Outlet Systems

A division of



PREFACE

This catalog has been prepared to simplify the ordering of the necessary component parts for H.H.Robertson® preset floor outlets. Tapmate I through V and for HHR's afterset floor outlets. These systems and the related Q-Floor® and Taproute® Systems have found wide acceptance and have been employed in thousands of buildings for over 70 years.

Each component part is clearly illustrated and numbered and shown with all other related parts to indicate its location and function within the overall assembly. All of the commonly specified options are also included for your convenience, when ordering.

The Lexan® plastic components of the system are provided in a standard brown. Call for additional color options. All partition components are available "blank". All parts are made in the U.S.A.

Notes:

(1) While not covered in this catalog. Tapway Trench Header is an essential part of all cellular floor systems. Where required, these trench headers can be installed in existing cellular floor structures to provide greater flexibility for changing building conditions.

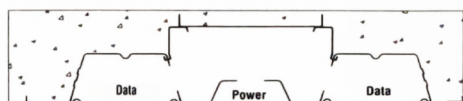
(2) All activation parts illustrated in this catalog are for 2-1/2" or 3-1/4" concrete fill above the deck. Parts suffixed

"- S" or "-D" indicate the amount of concrete fill over the top of deck and the relation of the Tapmate box they fit into:

"S" = Shallow = 2-1/2" Concrete fill = KE-S Tapmate Box

"D"= Deep= 3-1/4" Concrete fill = KE-D Tapmate Box

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TAPMATE IV - 1985 to 2015 (KED)-----p.4-7



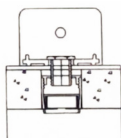
← **TAPMATE III** - 1983-1985 (KEC)-----p.8-9
WKM - 3" Deep Deck or AKM - 2" Deep Deck



← **TAPMATE II** - 1973-1983 (KEB)-----p.10-11
WKX - 3" Deep Deck or AKX - 2" Deep Deck



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NKX, UKX, TKX - 3" Deep Deck



← **CORE DRILLED ACTIVATION**-----p.13-14
Kits/Accessories - Since 1935

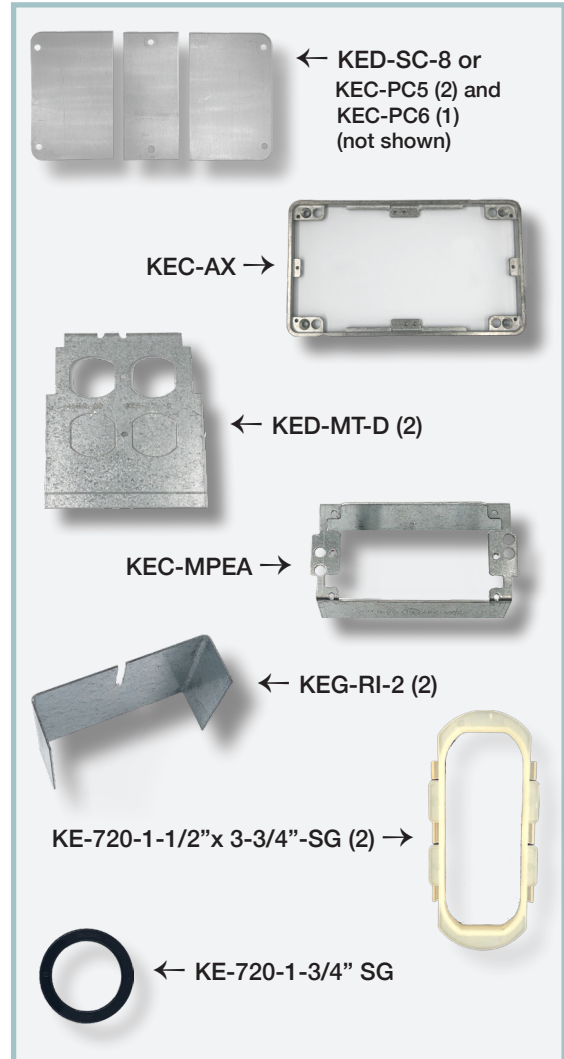
PARTS LIST-----p.15-16

TAPMATE V

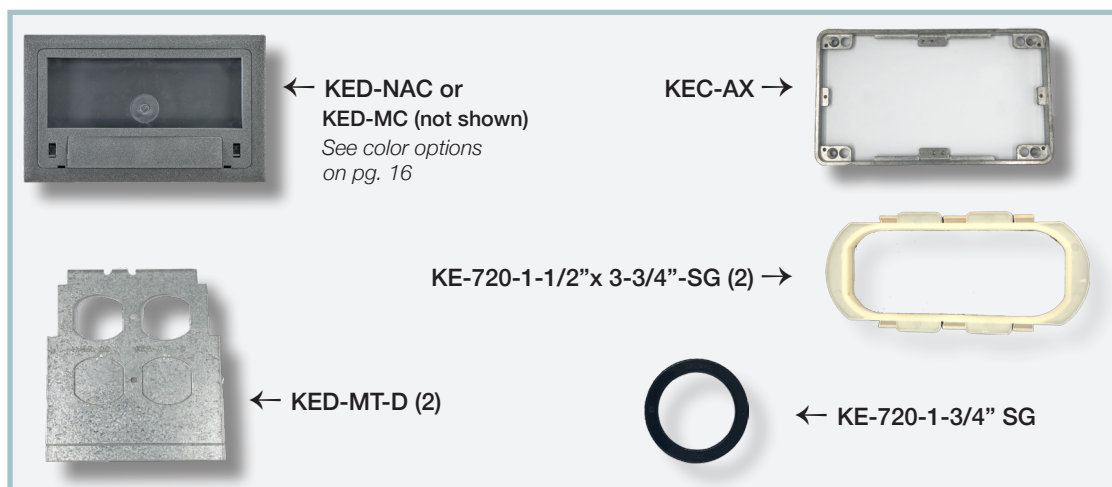
KED-Tapmate V Easy Access-Deluxe



KED-Tapmate V Pre-wired Partition Interface-Concealed

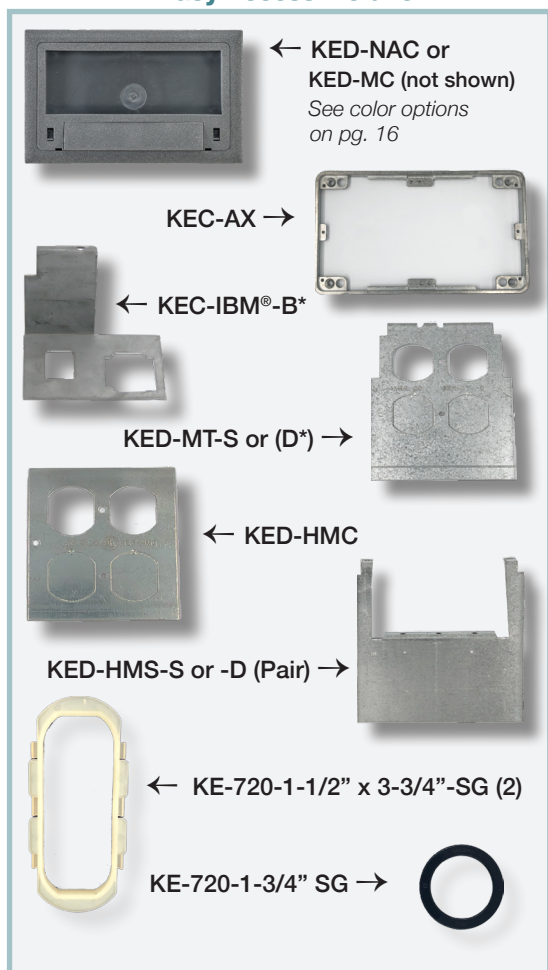


KED-Tapmate V Pre-wired Partition Interface-Deluxe

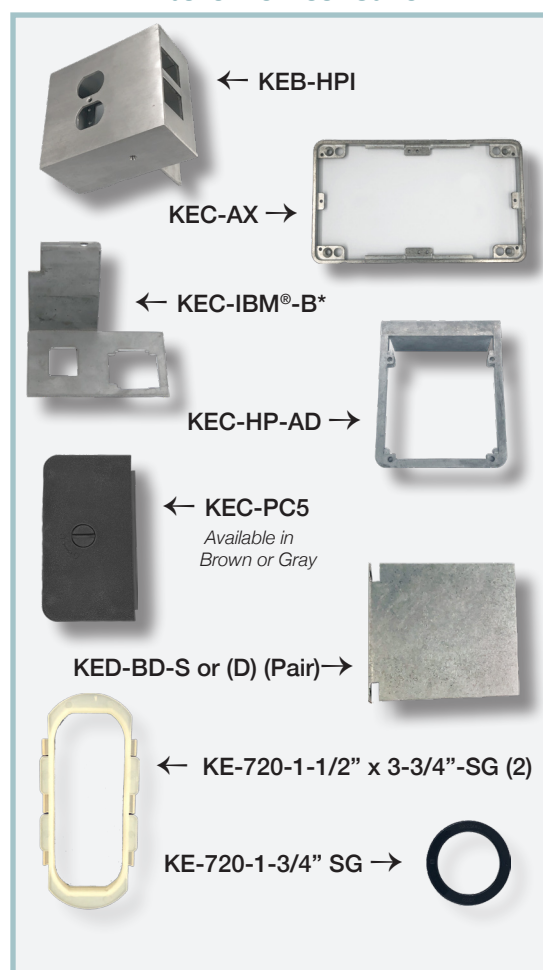


TAPMATE IV

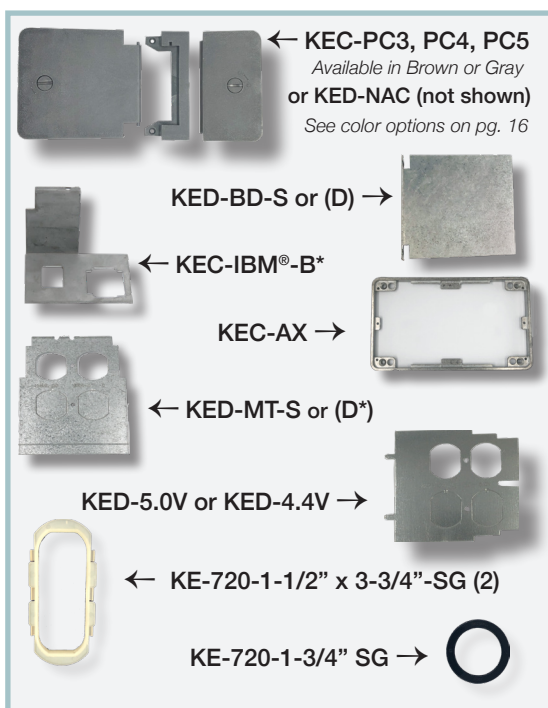
KED-Tapmate IV Easy Access-Deluxe



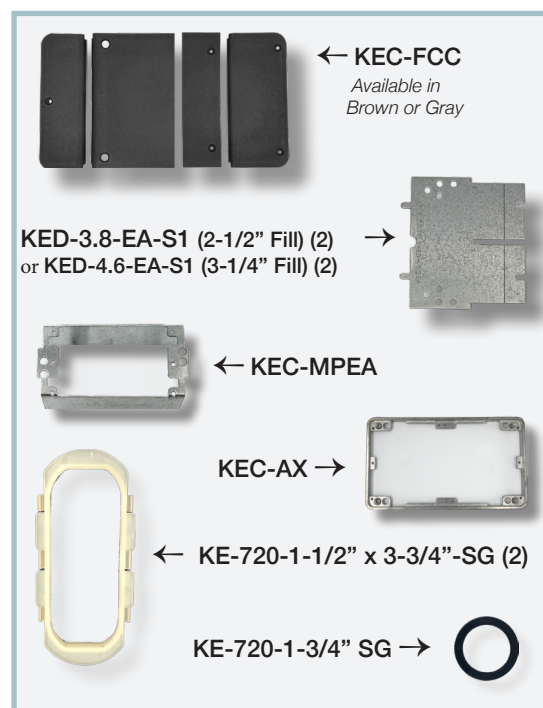
KED-Tapmate IV Above the Floor Outlet



KED-Tapmate IV Concealed-Sloped



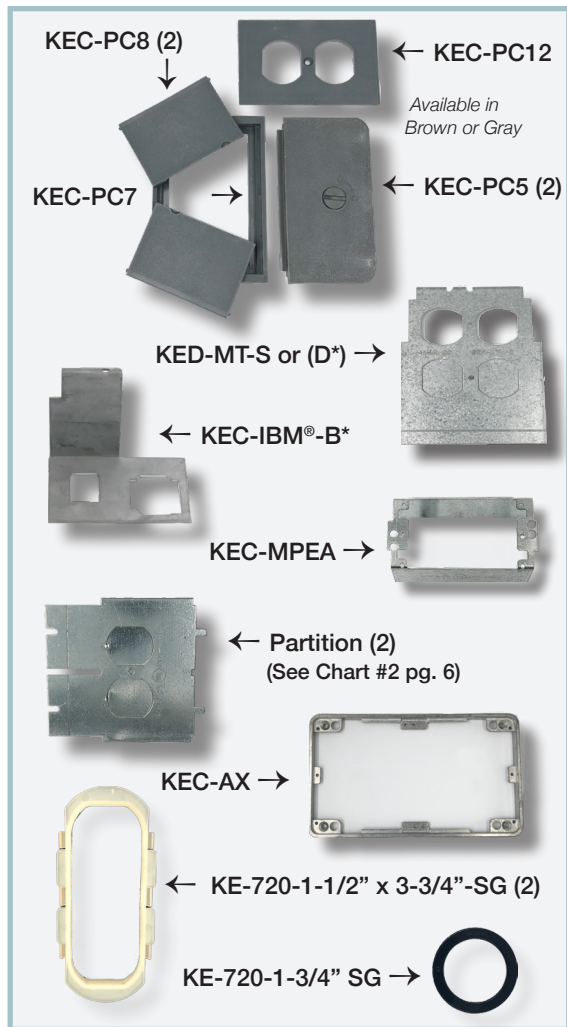
KED-Tapmate IV Flat Conductor Cable Interface



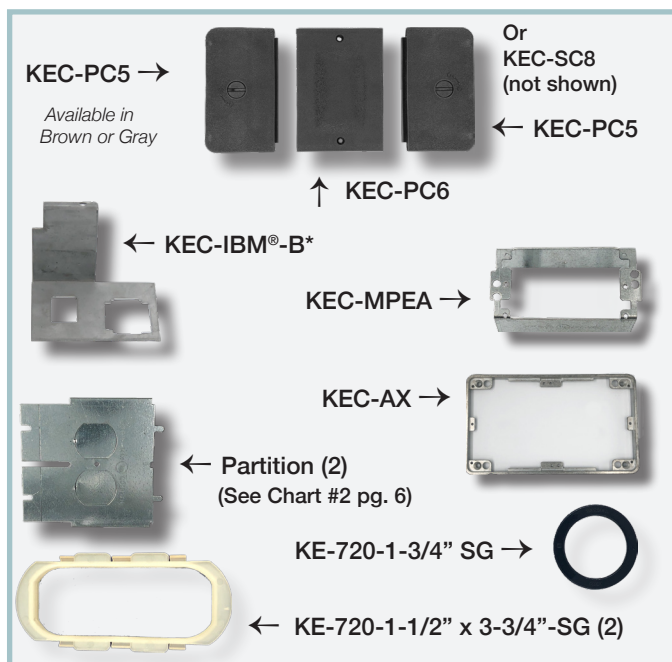
* Optional

TAPMATE IV

KED-Tapmate IV Easy Access - Standard

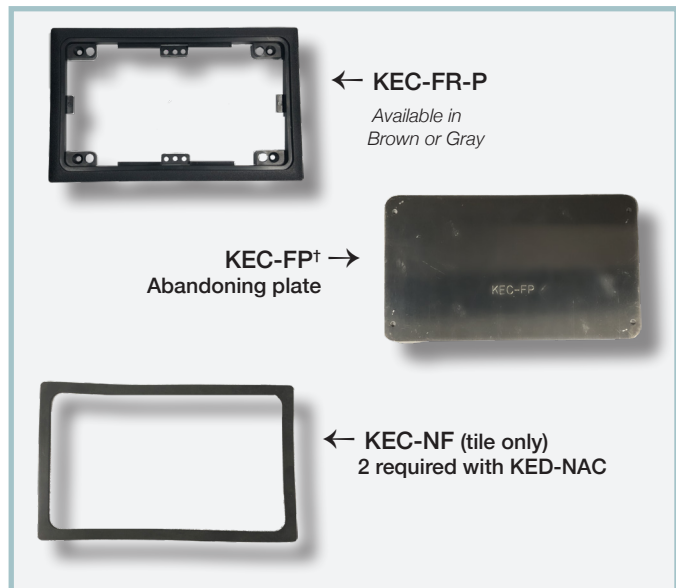


KED-Tapmate IV Pre-wired Partition Interface



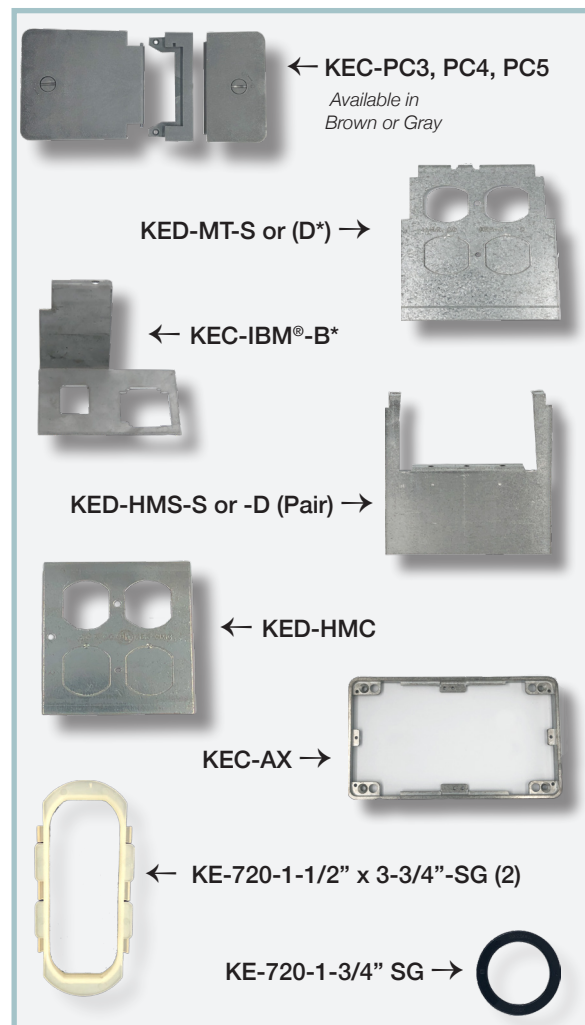
* Optional

KED-Tapmate IV & V Abandoning Plate Kit



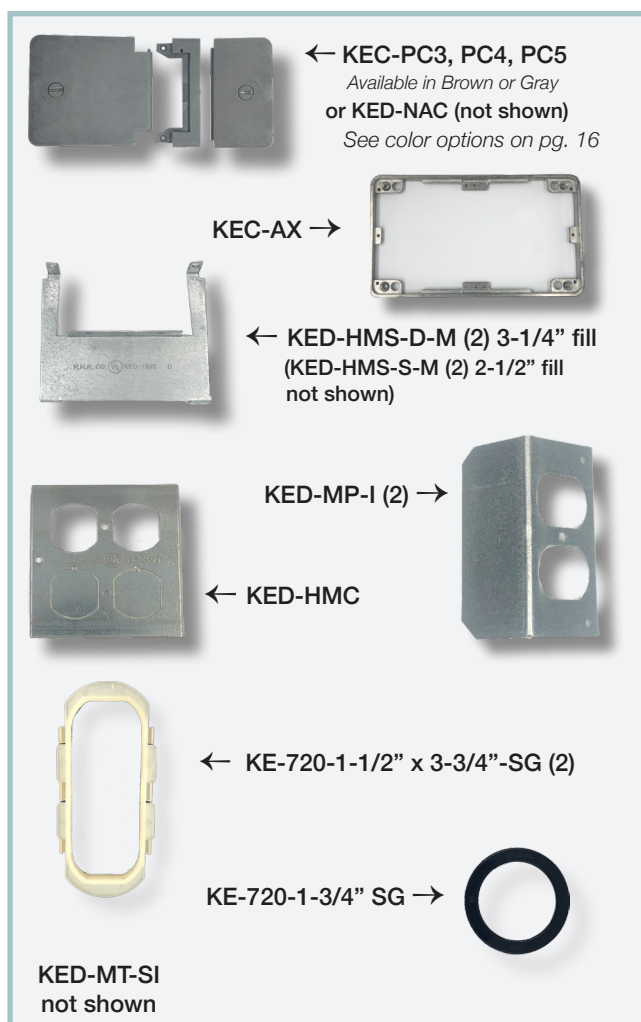
† KEC-FP is available as a 3 piece cover KED-SC8. Any portion can be field drilled to accept a conduit fitting. (see p. 3)

KED-Tapmate IV Concealed - Horizontal



TAPMATE IV

CONCEALED (4 duplexes)



Carpet Cutting Template

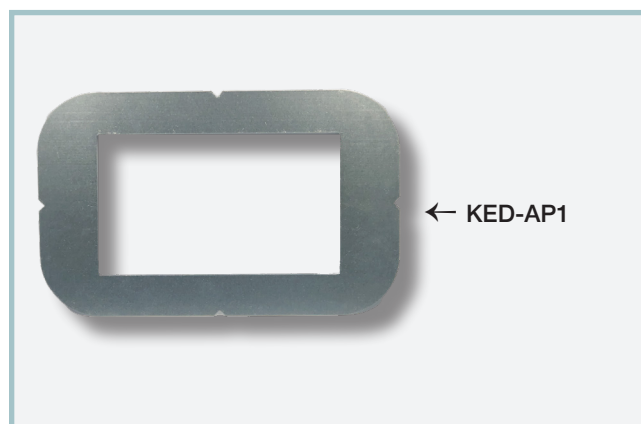


CHART 1 IN-CAVITY PARTITION PLATES

All partition plates are galvanized steel. Each assembly includes slotted hex-head steel screws for attachment to box divider tab or box surface. Additional slotted hex-head screws provided with each partition type for attachment of duplex receptacles.

KED-4.4V Used in KED-S3 TAPMATE BOX with GKX cellular. Punched openings for one vertically installed duplex receptacle. Knockouts to accept one additional duplex.

KED-5.0V Used in KED-D3 and 3D3 TAPMATE BOXES with GKX cellular. Punched openings for one vertically installed duplex receptacle. Knockouts to accept one additional duplex.

CHART 2 EASY ACCESS PARTITION PLATES

All partition plates are galvanized steel. Each assembly includes one hex slotted steel screw for attachment to the mounting plate. Additional hex slotted steel screws provided with each partition type for attachment of the receptacle(s) to the partition.

KED-3.8EA Accommodates one horizontally installed duplex. Plate features knockouts to permit use as a blank partition or with installation of a duplex. Use with KED-S3 box and GKX cellular units (2 required).

KED-4.6EA Accommodates one horizontally installed duplex. Plate features knockouts to permit use as a blank partition or with installation of a duplex. Use with KED-D3 box and GKX cellular units (2 required).

FLUSH TAPMATE IV ACTIVATIONS

AFTERSSET OUTLETS

KED-MSA** Tapmate IV & V Multi-Service Flush Afterset

(2-1/2" or 3-1/4" fill over GKX)
Ordered by assembly (KED-MSA)

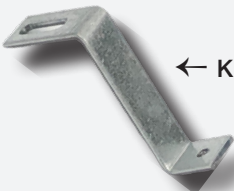


← KED-NAC or
KED-MC (not shown)
See color options
on pg. 16

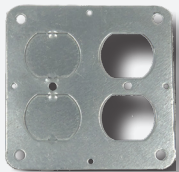
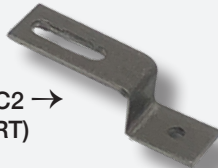
KEC-AP1 →



← KED-CC1 (pair) (long-power)



KED-CC2 →
(pair) (short-Tele/CRT)



← KED-SC9 (2 required)

KE-720-1-3/4" SG →



← KED-JB1 (2 required)

**KED-MSA Includes all
above items except covers

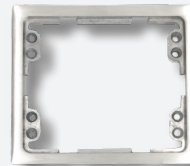
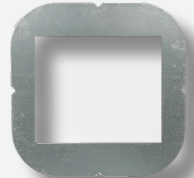
Tapmate II, III, IV, V Single-Service Afterset KED-SSA

(3-1/4" min. fill for power)



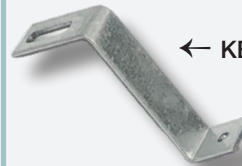
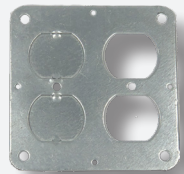
← KEB-PC
Available in
Brown or Gray

KED-AP2 →



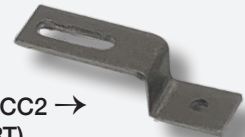
← KEB-FR-A

KED-SC9 →



← KED-CC1 (4) (long-power)

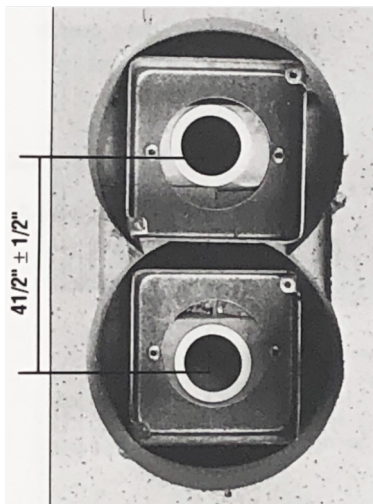
KED-CC2 →
(4) (short-Tele/CRT)



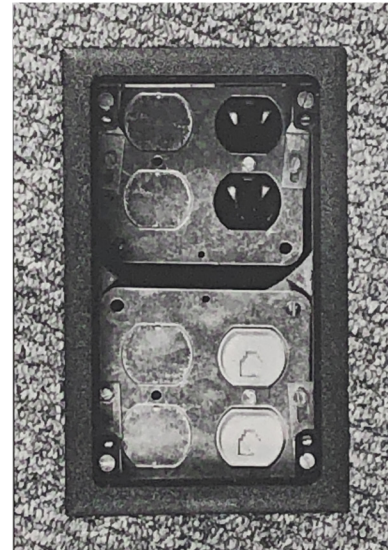
KE-720-1-3/4" SG →



← KED-JB1



KED-MSA
5-1/2" core drilled
holes with 2-4" sq.
junction boxes
installed with grommets



KED-MSA**
Completed Installation
(cover removed)

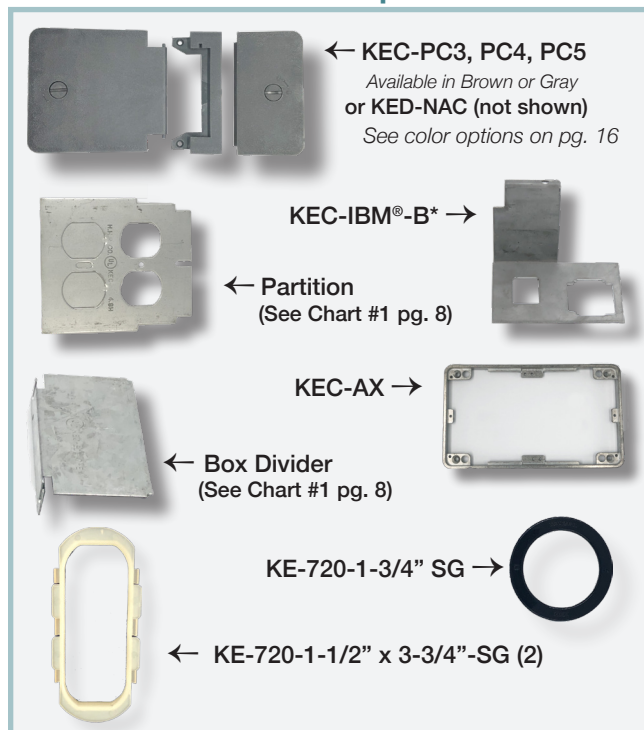
Covers not shown:
KED-NAC or
KED-MC
See color options on pg. 16

** Covers must be ordered
separately

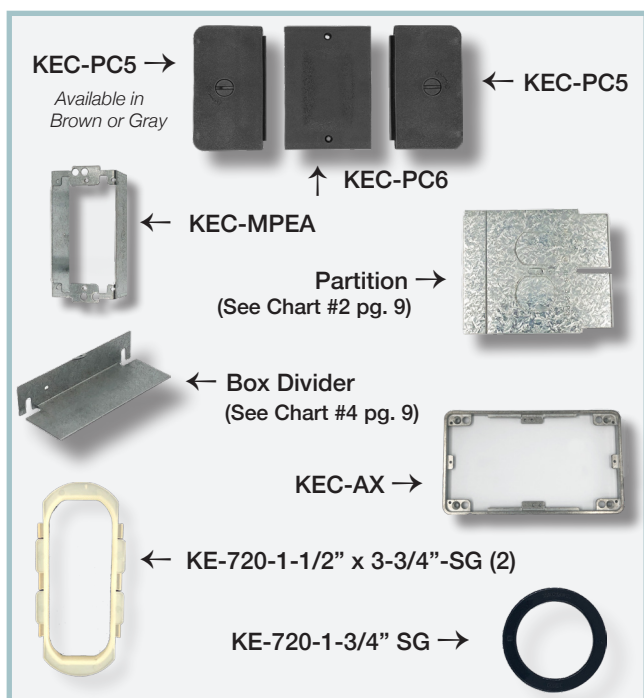
* Optional

TAPMATE III

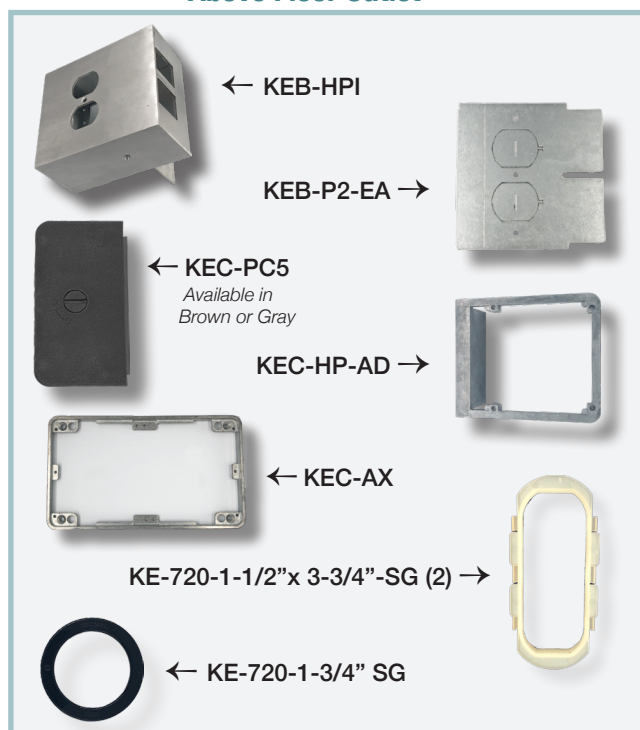
KEC-Tapmate III Concealed Sloped



KEC-Tapmate III Pre-wired Partition Interface



KEC-Tapmate III Above Floor Outlet



KEC-Tapmate III Flat Conductor Cable Interface

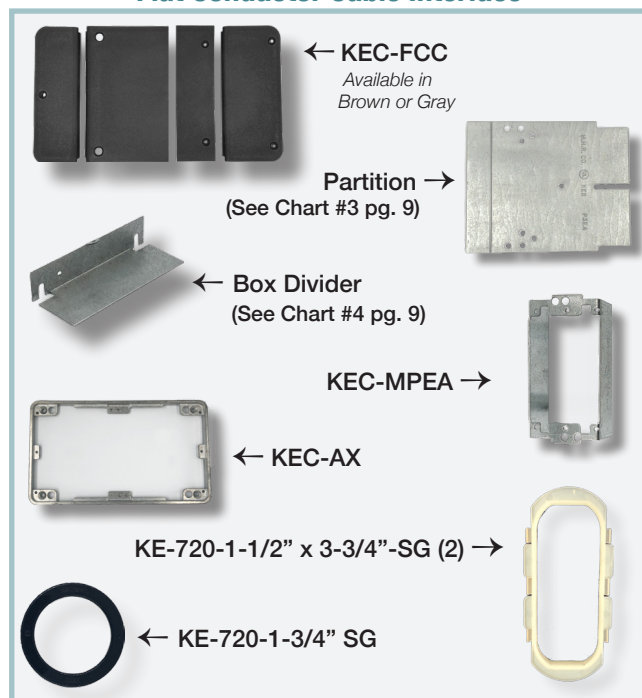


CHART 1

BOX DIVIDER FOR CONCEALED SLOPED

One required for each activation unit: varies for each box depth. Includes screws for attachment to Tapmate box.

KEC-BD-2S For use with the KEC-2S box. (2" fill)

KEC-BD-S For use with the KEC-S box. (2-1/2" fill)

KEC-BD-D For use with the KEC-D box. (3" or 3-1/4" fill)

262-891-3237

info@hhrobertson.com

TAPMATE III

KEC-Tapmate III Easy Access

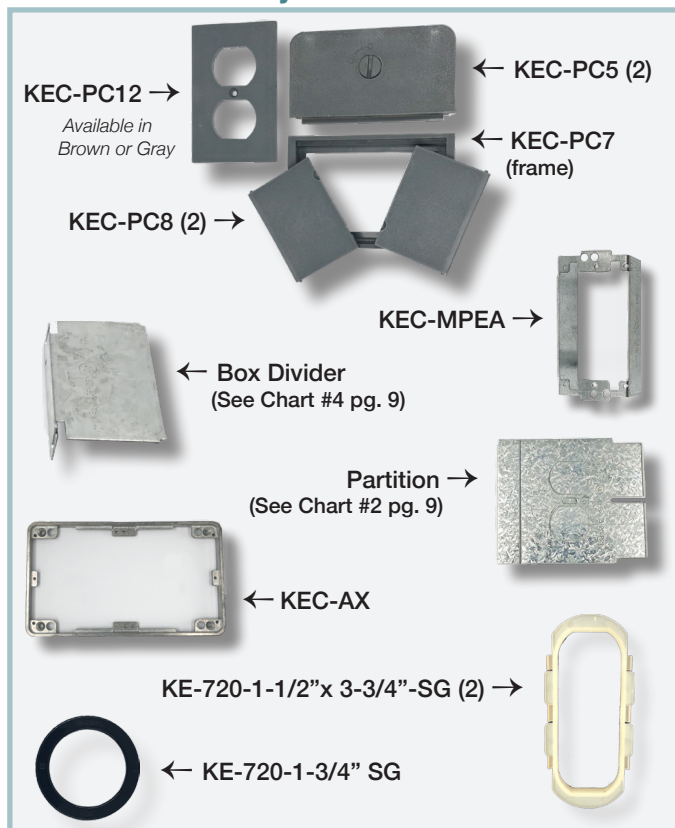


CHART 2

EASY ACCESS PARTITION PLATES

All partition plates are galvanized steel. Each assembly includes one hex slotted steel screw for attachment to the mounting plate. Additional hex slotted steel screws provided with each partition type for attachment of the receptacle(s) to the partition.

KEB-3.25-P3-EA	Accommodates one horizontally installed duplex. Used with a KEC-D3 box (WKD-3-1/4" fill).
KEB-3.25-P2-EA	Accommodates one horizontally installed duplex. Used with a KEC-D2 box (AKD-3-1/4" fill).
KEB-P3-EA	Accommodates one horizontally installed duplex. Used with a KEC-S2 box (WKD-2-1/2" fill).
KEB-P2-EA	Accommodates one horizontally installed duplex. Used with a KEC-S2 box (AKD-2-1/2" fill).
KEB-2P3-EA	Accommodates one horizontally installed duplex. Used with a KEC-2S3 box (WKD-2" fill).
KEB-2P2-EA	Accommodates one horizontally installed duplex. Used with a KEC-2S2 box (AKD-2" fill).

CHART 1

IN-CAVITY PARTITION PLATES

All partition plates are galvanized steel. Each assembly includes slotted hex-head steel screws for attachment to box divider tab or box surface. Additional slotted hex-head screws provided with each partition type for attachment of duplex receptacles.

KEC-5.8H	Used in KEC-S3 or D3 TAPMATE BOX. Punched openings for one horizontally installed duplex receptacle and knockouts to accept one additional duplex.
KEC-4.8H	Used in KEC-D3 and KEC-2S3 TAPMATE BOX for 1 or 2 duplex receptacles as in 5.8H.
KEC-4.2V	Used in KEC-2S2 or S2 TAPMATE BOXES. Punched openings for one vertical duplex receptacle and knockouts to accept one additional duplex.

CHART 3

FLAT CABLE PARTITION PLATES

KEB-P2-S1 Modified partition plate for mounting flat cable transition block.

KEB-3.25P2-EA-S1
KEB-P3-EA-S1
KEB-2P3-EA-S1
KEB-3.25P3-EA-S1

See chart #2 for plate description, cellular floor selection and fill depth.

CHART 4

BOX DIVIDER FOR EASY - ACCESS ACTIVATION

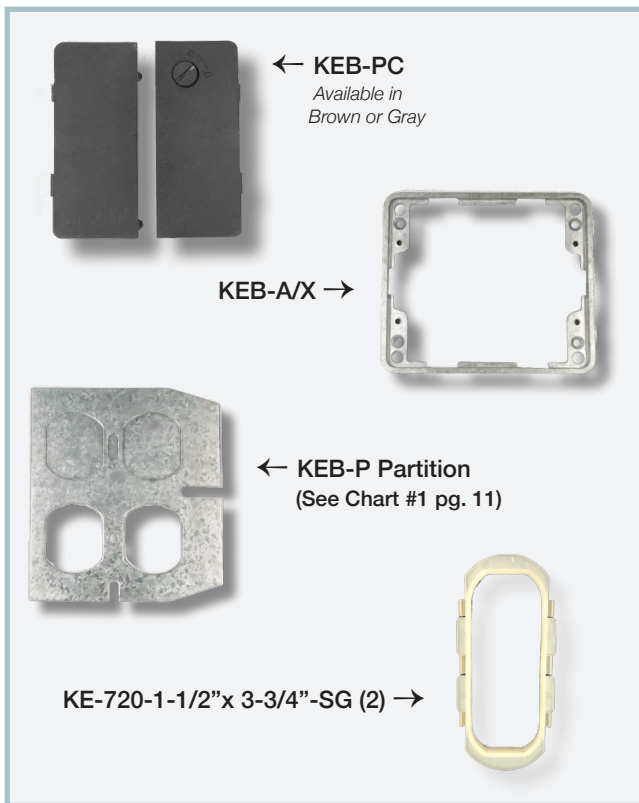
One required for each activation unit: varies for each box depth. Includes screws for attachment to Tapmate box.

KEC-BD-S-EA	For use with KEC-S box (2-1/2" fill)
KEC-BD-D-EA	For use with KEC-D box (3" or 2-1/2" fill)

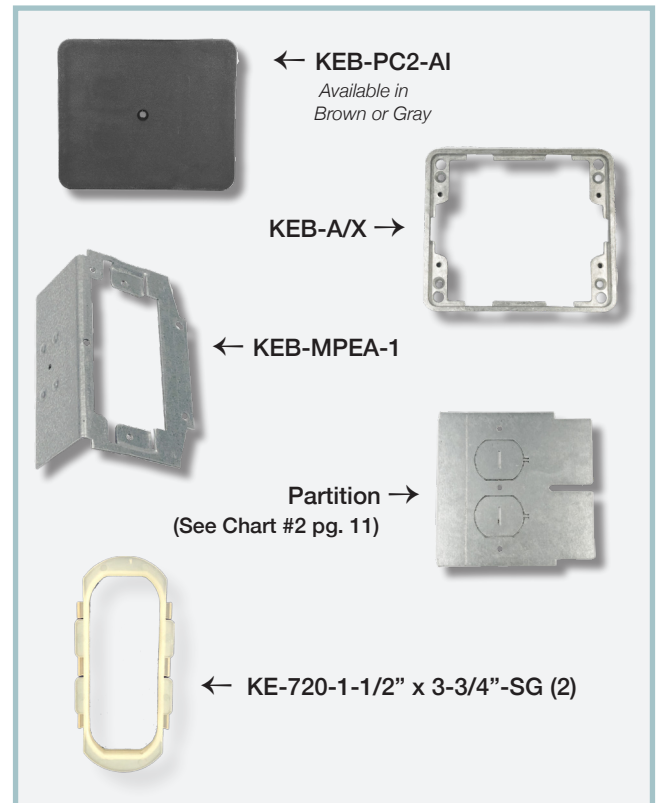
*HH Robertson has been a part
of the Cordeck family of
Innovative Floor Solutions®
since 2015*

TAPMATE II

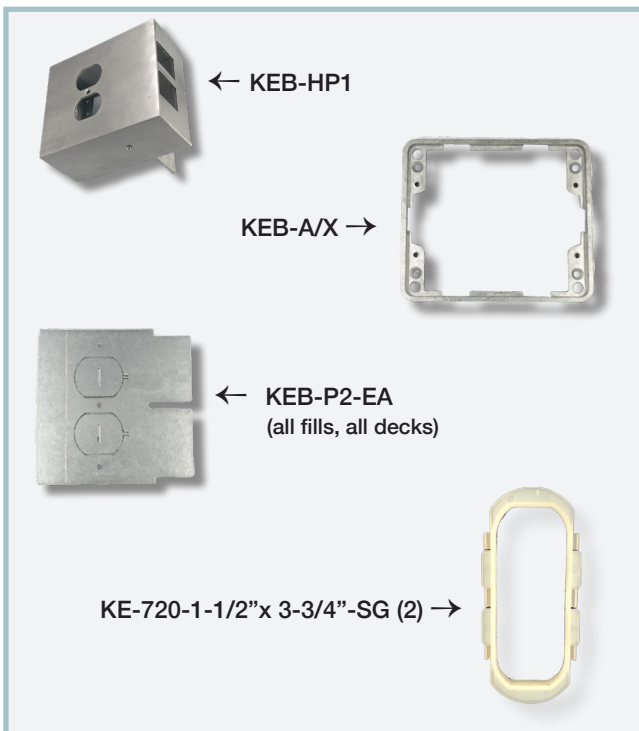
KEB-Tapmate II Concealed Sloped



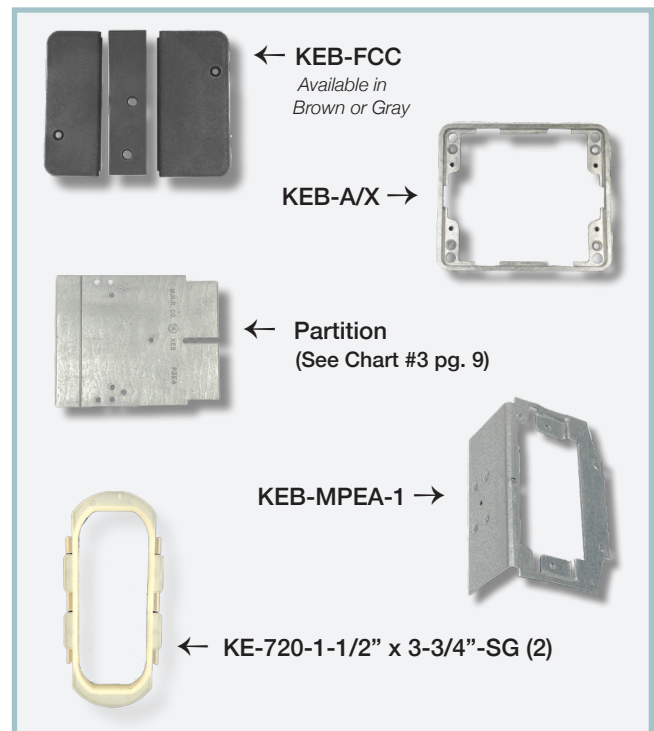
KEB-Tapmate II Pre-wired Sloped



KEB-Tapmate II Above Floor Outlet

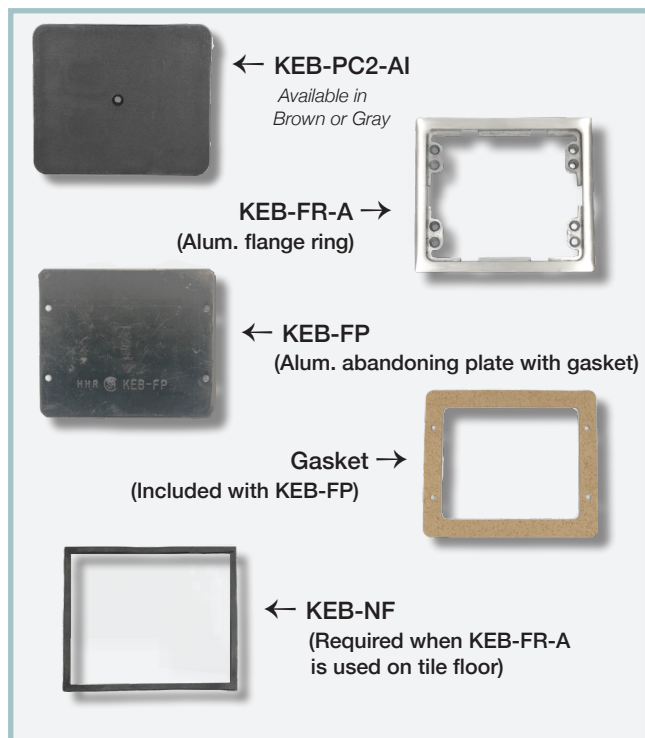


KEB-Tapmate II Flat Conductor Cable Interface



TAPMATE II

KEB-Tapmate II Accessories



KEB-Tapmate II Easy Access

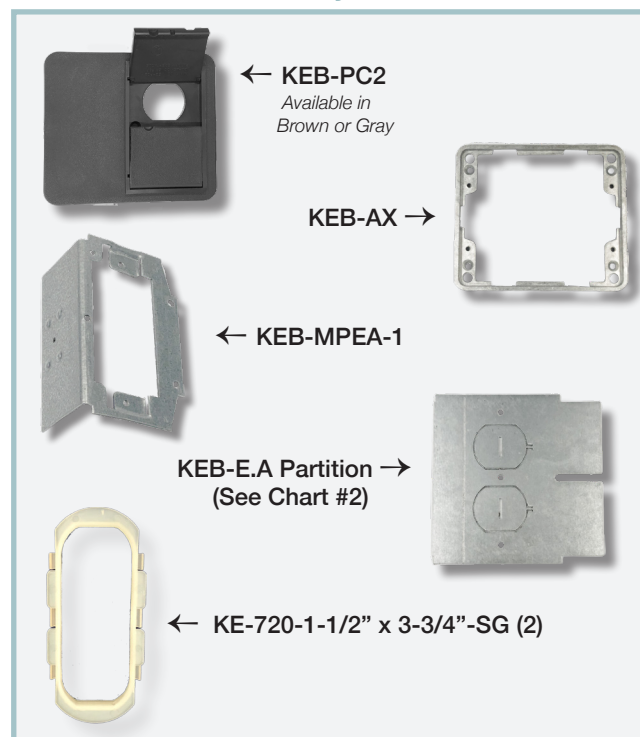


CHART 1

IN-CAVITY PARTITION PLATES

All partition plates are galvanized steel. Each assembly includes one hex-head slotted steel screw for attachment to insert unit and one hex-head slotted steel screw for attachment of duplex receptacle.

	Fill Depth	Cellular Floor Section	Duplex Receptacles Accommodated
KEB-1P2	1"	AKX	1
KEB-2P2V	2"	AKX	1/1 Opt. *
KEB-P2V	2-1/2"	AKX	1/1 Opt. *
KEB-3.25P2	3'-3-1/4"	WKX	1/1 Opt. *
KEB-2P3	2"	WKX	1/1 Opt. *
KEB-P3	2-1/2", 3 or 3-1/4"	WKX	1/1 Opt. *

* Optional accommodation is a knockout.

CHART 2

EASY ACCESS PARTITION PLATES

	Fill Depth	Cellular Floor Section	Duplex Receptacles Accommodated	Usable with Internal Fireprfg
KEB-2P2-EA	2"	AKX	none	yes
KEB-2P-EA	2-1/2"	AKX	one	yes
KEB-3.25P2EA	3-1/4"	AKX	one	yes
KEB-P3-EA	2-1/2"	WKX	one	yes
KEB-2P3-EA	2"	WKX	one	yes
KEB-3.25P3EA	3-1/4"	WKX	one	yes
KEB-1P2-EA	1"	AKX	none	no
KEB-ERB-3	1"	AKX	none	no

This is an "isolator" partition used to close off the electrical cell egress when the middle void is enclosed and used as an additional distribution cell. The KEB-MPEA-2 is used with this application.

CHART 3

FLAT CABLE PARTITION PLATES

KEB-P2-EA-S1 Modified partition plate for mounting flat cable transition block.

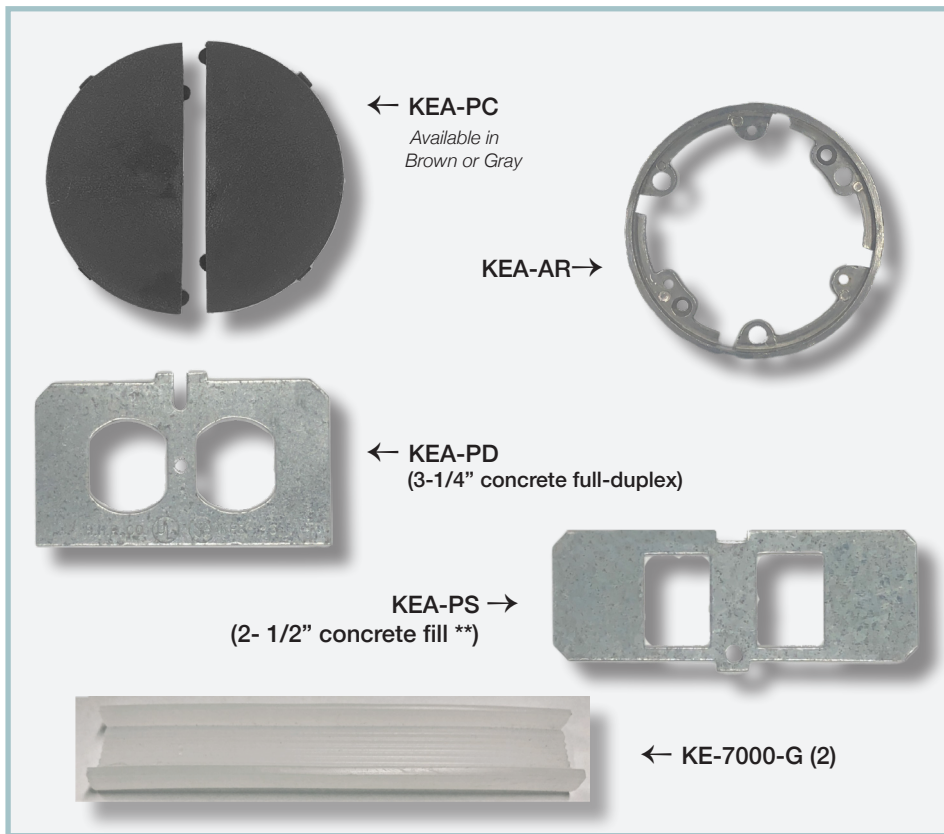
KEB-3.25P2-EA-S1
KEB-P3-EA-S1
KEB-2P3-EA-S1
KEB-3.25P3-EA-S1

See chart #2 for plate description, cellular floor selection and fill depth.

Cover plates are available in a variety of colors, call for more information
262-891-3237

TAPMATE I

KEA Tapmate I Basic Activation Kit



** Appliance receptacle only, special order

*Cordeck remains
committed to serving the
aftermarket needs of the
HH Robertson Systems*

KEA Tapmate I Accessories

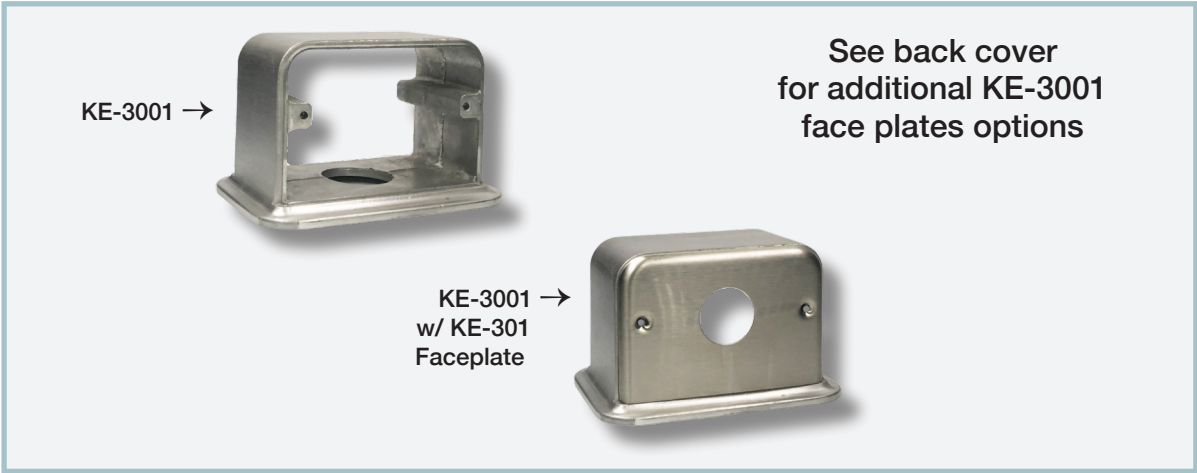


* Required with KEA-FR-A when used on tile floors

*HH Robertson has been a part
of the Cordeck family of
Innovative Floor Solutions®
since 2015*

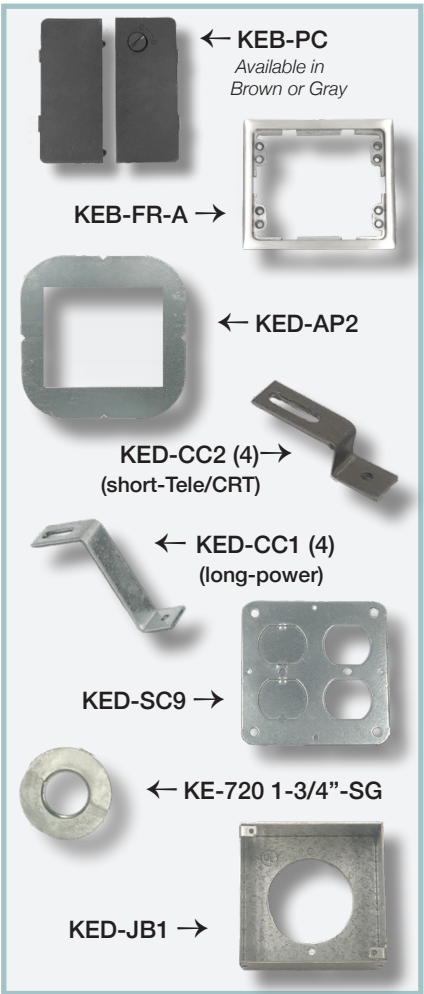
AFTERSET ACTIVATION FOR CELLULAR SYSTEMS

Floor Taps and Connectors



Single Service Afterset KED-SSA

(3-1/4" fill for power)



Floor Taps

KE-60



KE-250



KE-60-CKN

KE-250-12

KE-250-2

FLOOR TAP W/ LOCKING RING **

KE-60-T6-LR	3-1/4" Fill Floor Tap
KE-60-T5-LR	3" Fill Floor Tap
KE-60-T4-LR	2-1/2" Fill Floor
KE-60-T3-LR	2" Fill Floor Tap
KE-60-T2-LR	1-1/2" Fill Floor



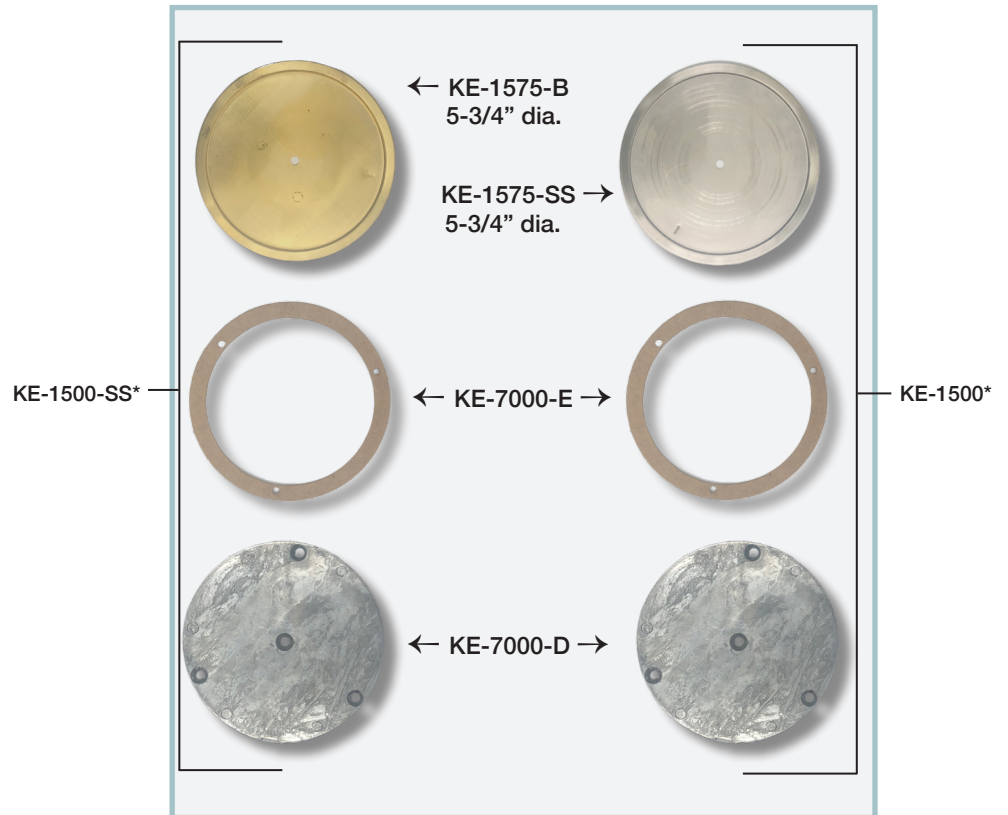
** For fills greater than 3-1/4", floor taps, can be stacked

FLOOR TAP HEADER DUCT ACCESSORIES

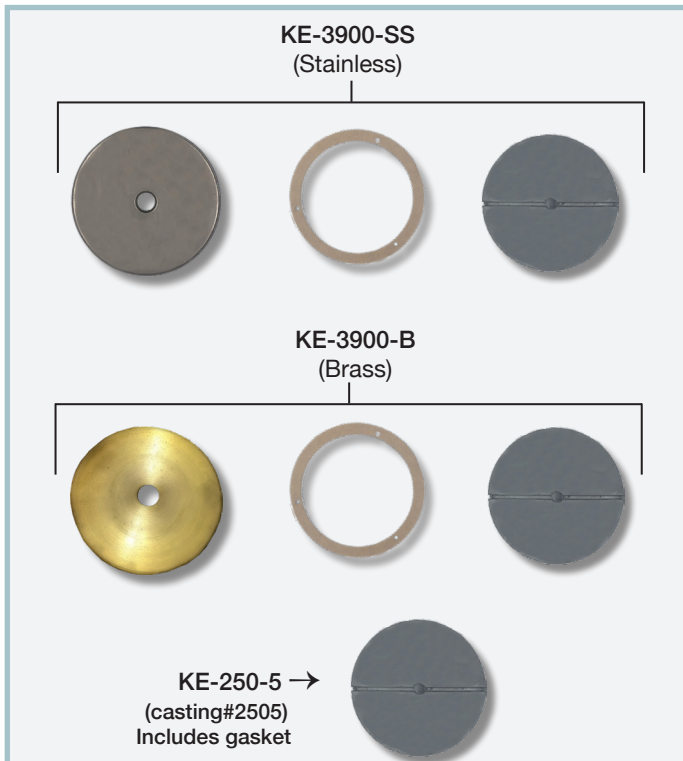
KE-60 Floor Tap Abandoning



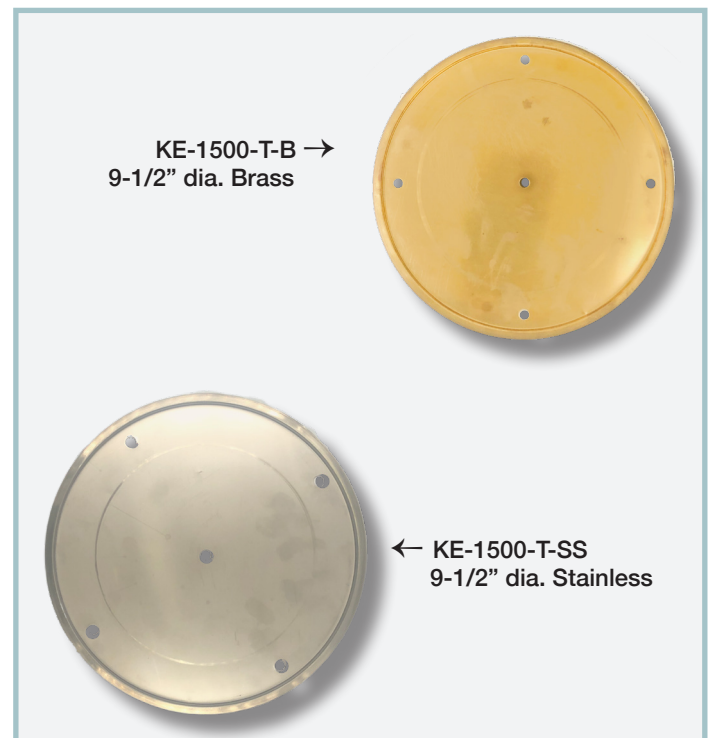
Tile Pans and Junction Covers



KE-250 Abandoning



Large Tile Pans



* Thickness of floor covering required, 1/16" thru 1/4".
For thicknesses greater than 1/4" check for availability

PARTS LIST

TAPMATE V

PART

DESCRIPTION

KED-NAC	Deluxe Lexan® cover w/access door and flange ring. Available in 3 colors, see back cover.
KED-MC	Deluxe aluminum cover w/access door and flange ring (KEC-AX not required.) Available in 6 colors, see back cover.
KEC-AX	Activating ring
KEG-L-1376	Duplex mounting cover (2 required)
KEG-L-1379	Power crossover (1 required)
KED-MT-D	Modular telephone mounting bracket
KEC-IBM®-B	IBM®-Type connector interface bracket
KEC-MPEA	Mounting plate for power isolation
KEG-RI-2	Power isolator (2 required)
KE-720	
1-3/4"-SG	Grommet (power)
KE-720	
1-1/2"x3-3/4"-SG	Grommet (tele/ CRT)
KED-SC-8	Aluminum 3-piece cover used primarily for pre-wired partition interface

TAPMATE IV

PART

DESCRIPTION

KED-NAC	Deluxe Lexan® cover w/access door and flange ring. Available in 3 colors, see back cover.
KED-MC	Deluxe aluminum cover w/access door and flange ring (KEC-A/X not required.) Available in 6 colors, see back cover
KEC-IBM®-B	IBM®-Type connector interface bracket
KED-MT-S or (D)	Modular telephone mounting bracket
KED-HMC	Duplex horizontal mounting cover
KED-HMS-S	Mounting straps - 2-1/2" concrete fill
KED-HMS-D	Mounting straps - 3-1/4" concrete fill and deeper
KEC-A/X	Activating ring
KE-720	
1-1/2"x3-3/4"-SG	(2) Tapmate IV grommets (Tele-CRT)
KE-720	
1-3/4"-SG	(1) Tapmate IV grommets (power)
KEB-HP1	Polished aluminum floor head, power & tele
KEC-PC5	Low tension (CRT/SS) plastic cover w/pawl latch. Available in Brown or Gray
KEC-HP-AD	Adapter ring used in conjunction w/KEB-HP1
KED-BD-S or (D)	Box divider, S= 2-1/2" fill, D = 3" & 3-1/4" fills
KEC-PC3	Plastic cover (power/tele) w/pawl latch. Available in Brown or Gray
KEC-PC4	Screw attached center plastic cover. Available in Brown or Gray
KED-4.4V	Duplex galvanized steel partition plate, 2-1/2" fill
KED-5.0V	Duplex galvanized steel partition plate, 3" & 3-1/4" fill
KEC-FCC	Four section plastic flat cable interface cover (screw attachment). Available in Brown or Gray
KED-3.8 EA-S1 (2)	Special galvanized steel partition plate, 2-1/2" fill
KED-4.6 EA-S1 (2)	Special galvanized steel partition plate, 3" & 3-1/4" fill
KEC-MPEA	Mounting plate for surfaced accessed duplex
KEC-PC12 (cover)	Assembly, plastic face plate & door for surface mounted duplex. Available in Brown or Gray
KEC-PC8's (doors)	
KEC-PC7	
KEC-PC7	Center plastic frame (holds PC12 & PC8's). Available in Brown or Gray
KED-3.8 EA (2)	Galvanized steel partition plate used With KED-MPEA for easy access
KED-4.6 EA (2)	

TAPMATE IV (continued)

PART

DESCRIPTION

KEC-PC6	Plastic deactivation (used in lieu of KEC-PC7) Also can be field drilled for pre-wired partition same as Tapmate III. Available in Brown or Gray
KEC-FR-P	Plastic flange ring for carpet or tile (holds PC-3, 4 & 5). Available in Brown or Gray
KEC-NF	Neoprene filler (tile only-(1) FR-P) (2 required for KED-NAC)
KEC-FP	Aluminum deactivation plate
KED-FM	Firemat

KEC-MSA•

Tapmate IV Multi-Service Afterset

for 2-1/2" or 3-1/4" concrete fill

Parts of the assembly (KED-MSA*)

KED-AP1	Steel adapter plate
KED-AP 2	Steel adapter plate
KED-SC9 (2)	4" SQ. box covers
KED-CC2 (2)	Attachment clips-short-tele/CRT
KED-CC1 (2)	Attachment clips-long-power
KE-720	
1-3/4"-SG (2)	Snap grommets
KED-JB1 (2)	Junction box 4" square x 1-1/2" deep

*Plastic or aluminum covers to be ordered separately

TAPMATE III

PART

DESCRIPTION

KEC-PC3	Plastic cover w/pawl latch (power/tele) Available in Brown or Gray
KEC-PC4	Plastic cover screw attached center Available in Brown or Gray
KEC-PC5	Plastic cover w/pawl latch, low tension (CRT/SS) Available in Brown or Gray
KEC-IBM®-B	IBM®-Type connector interface bracket
Box Divider	See chart #4 for part number & description p. 9
Easy Access	
Partition	See chart #2 for part number & description p. 9
KEC-AX	Activating ring
KE-720	
1-1/2"x3-3/4"-SG	(2) Tapmate III grommets
KE-720	
1-3/4-SG	(1) Tapmate III grommet
KEB-HP1	Polished aluminum floor head, power & tele
KEC-HP-AD	Adapter ring used in conjunction w/KEB-HP1
KEC-PC6	Plastic deactivation (used in lieu of KEC-PC7) Available in Brown or Gray
KEC-MPEA	Mounting plate for surfaced accessed duplex
KEC-FCC	Four section plastic flat cable interface covers (screw attached). Available in Brown or Gray
KEC-FC Partition	See chart #3 for part number & description p. 9
KEC-PC12 (cover)	
KEC-PC8's (doors)	Assembly, plastic face plate & door for surface mounted duplex. Available in Brown or Gray
KEC-PC7	Center plastic frame (holds KEC-PC12 & PCB's). Available in Brown or Gray
KEC-FR-P	Plastic flange ring. Available in Brown or Gray
KEC-NF	Neoprene filler ring-tile only 1 required for KEC-FR-P 2 required for KEC-NAC
KEC-FP	Aluminum deactivation plate
KED-FM	Firemat

PARTS LIST

TAPMATE II PART

DESCRIPTION

KEB-PC	Two piece plastic cover w/pawl latch. <i>Available in Brown or Gray</i>
KEB-AX	Activating ring
KEB-Partitions	See chart #1 "in cavity" p. 11
KE-720	
1-1/2"x3-3/4"-SG	Tapmate II grommets
KEB-PC2-A1	1 Piece plastic abandoning cover also can be field drilled for conduit connection. <i>Available in Brown or Gray</i>
KEB-MPEA-1	Mounting plate for surfaced accessed duplex
KEB-EA Partition	See chart #2 "easy access" p. 11
KEB-HP1	Polished aluminum floor head, power & tele
KEB-P2-EA	Partition plate 1 required with each KEB-HP1 to complete the compartments. <i>Available in Brown or Gray</i>
KEB-FCC	3 section plastic flat cable interlace cover. (screw attached). <i>Available in Brown or Gray</i>
KEB-FP	Aluminum deactivation plate
KEB-FR-A	Flange ring-aluminum-for carpet or tile
KEB-NF	Neoprene filler ring 1 required with KEB-FR-A on tile floors only
KEB-PC2	Easy access plastic cover <i>Available in Brown or Gray</i>

TAPMATE I PART

DESCRIPTION

KEA-PC	Two piece 4" dia. plastic cover. <i>Available in Brown or Gray</i>
KEA-AR	4" dia. activation ring
KEA-PD	Steel partition for 3-1/4" fill duplex
KEA-PS	Steel partition for 2-1/2" fill-appliance receptacles only
KE-7000-G	Grommet Pan for KE-600/800
KEA-NF	Neoprene filler required with KEA-FR-A when used on tile floor only
KEA-FR-A	Aluminum flange ring
KEA-FP	4" dia. aluminum abandoning plate

Core Drilled Activation

KE-3001	Aluminum floor head - 3" high-no receptacles
KE-300-RG	Aluminum floor head - 3" high-1 15A duplex supplied
KE-300-RRG	Aluminum floor head - 3" high-2 15A duplex supplied
KE-301	Aluminum floor head - 3" high for telephone
KE-315-1	Stainless steel telephone face plate for KE-301
KE-310-20	Stainless steel power face plate for KE-300
KE-305	Stainless steel blank face plate
KE-400-H	Replacement face plate for KE-60 duplex
KE-400-T	Replacement face plate for KE-61 tele
KE-60 Tool	Installation tool for KE-60 floor taps
KE-60-T_-LR	See floor tap chart p.13

KE-60 Floor Tap Accessories

KE-60-CKN	Assembly includes KE-60-N and KE-60-C1 Can be used with KE-300 and KE-60 series heads.
KE-60-N	1" Chase nipple, fits into KE-60-C1
KE-60-C1	Floor tap cover for 1" nipple
KE-60-C	Floor tap cover for 1-1/4" nipple

KE-250 Series Floor Tap Accessories

KE-250-12	Assembly includes KE-60-N and KE-250-12A
KE-60-N	1" Chase nipple, fits into KE-250-12A
KE-250-12A	Floor tap cover for 1" nipple (casting KE-3512 & KE-2504)
KE-250-2	Standard adjustable floor tap includes KE-2502, KE-2503 and KE-2501
KE-2502	Body
KE-2503	Locking ring
KE-2501	Base
KE-3960-SS	Stainless steel abandoning plate for KE-60-C floor tap
KE-3960-B	Brass abandoning plate for KE-60-C floor tap
KE-60-C	Blank cover for KE-60 floor tap
KE-3900-SS	Stainless steel abandoning plate for KE-250 floor taps
KE-3900-B	Brass abandoning plate for KE-250 floor taps
KE-250-5	Blank cover for KE-250 floor taps, w/gasket (casting #2505)

Tile Pans & Junction Covers

KE-1500-T-SS	Stainless steel floor covering adapter (5-3/4" dia.) (give thickness of floor covering). Includes 1000-D zinc cover.	
KE-1500-T-B	Brass-same as KE-1500-SS	
KE-1575-SS	Stainless steel Brass	Pans only for KE-1500-T-SS
KE-1575-B		KE-1500-B
KE-7000-D	Zinc cover and gasket for KE-1500 small junction units, 5" dia.	
KE-1500-T-SS	Stainless steel Brass	Large floor covering pan give thickness of floor covering 9-1/2" dia.
KE-1500-T-B		

Cover Plate Color Options

KED-MC



Black Satin Rubbed Bronze Brushed Nickel

KED-NAC

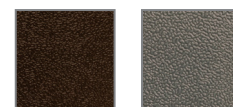


Black Brown Gray

KEA, KEB, KEC



Charcoal Anodized Bronze Anodized Silver



Brown Gray

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