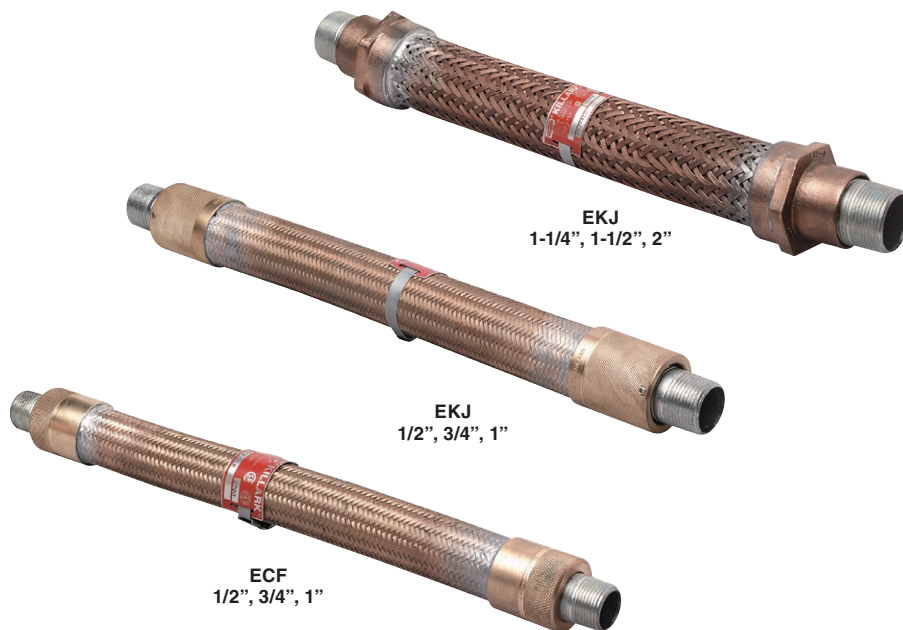




## BRONZE FLEXIBLE COUPLINGS



**Class I, Div. 1 & 2, Groups A,B,C,D<sup>①</sup>**  
**Class I, Zone 1, Groups IIC, IIB, IIA**  
**Class II, Div. 1 & 2, Groups E,F,G**  
**Class III**  
**Raintight**

 Certified - File LR11716

<sup>①</sup> ECF & EKJ 1/2" and 3/4" couplings suitable for Class I, Groups A, B, C, D Class I, Zone 1, Groups IIC, IIB, IIA EKJ 1" thru 2" and ECF 1" couplings suitable for Class I, Groups C, D. Class I, Zone 1, Groups IIB, IIA All ECF and EKJ are suitable for Class II and III.

## FEATURES-SPECIFICATIONS

### Features

- Bronze flexible metal construction
- An inner insulating silicone tubing to protect conductors
- Female ends with removable zinc plated steel nipples standard on all couplings
- Union type couplings may be assembled by adding a GUF and UNF Series union to the nipple
- Special lengths available-consult factory
- All 1/2", 3/4" & 1" EKJ couplings are furnished with a setscrew (for use as a fixture hanging coupling)



# FITTINGS

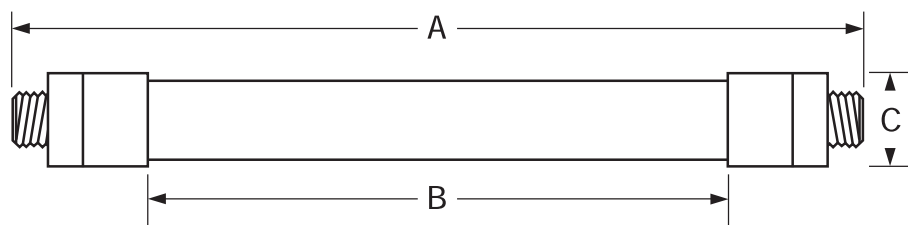
## ECF/EKJ SERIES

### BRONZE FLEXIBLE COUPLINGS

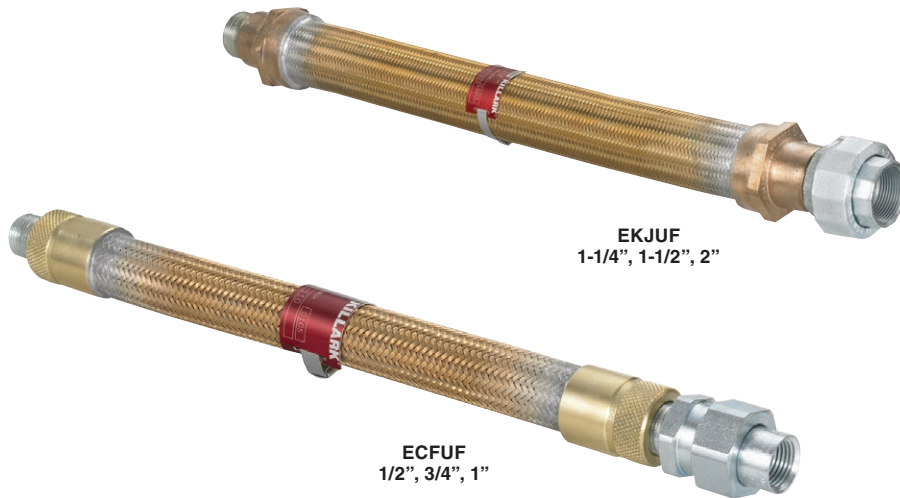
| ECF/EKJ FLEXIBLE COUPLINGS |            |              |                  |                |          |
|----------------------------|------------|--------------|------------------|----------------|----------|
| CATALOG NUMBER             |            | DESCRIPTION  |                  |                |          |
| ECF SERIES                 | EKJ SERIES | CONDUIT SIZE | A OVERALL LENGTH | B FLEX. LENGTH | C DIA.   |
| ECF-14                     | EKJ-14     | 1/2"         | 8-13/16"         | 4"             | 1-5/16"  |
| ECF-16                     | EKJ-16     | 1/2"         | 10-13/16"        | 6"             | 1-5/16"  |
| ECF-18                     | EKJ-18     | 1/2"         | 12-13/16"        | 8"             | 1-5/16"  |
| ECF-110                    | EKJ-110    | 1/2"         | 14-13/16"        | 10"            | 1-5/16"  |
| ECF-112                    | EKJ-112    | 1/2"         | 16-13/16"        | 12"            | 1-5/16"  |
| ECF-115                    | EKJ-115    | 1/2"         | 19-13/16"        | 15"            | 1-5/16"  |
| ECF-118                    | EKJ-118    | 1/2"         | 22-13/16"        | 18"            | 1-5/16"  |
| ECF-121                    | —          | 1/2"         | 25-13/16"        | 21"            | 1-5/16"  |
| ECF-124                    | —          | 1/2"         | 28-13/16"        | 24"            | 1-5/16"  |
| ECF-130                    | —          | 1/2"         | 34-13/16"        | 30"            | 1-5/16"  |
| ECF-136                    | —          | 1/2"         | 40-13/16"        | 36"            | 1-5/16"  |
| ECF-24                     | EKJ-24     | 3/4"         | 8-3/4"           | 4"             | 1-5/8"   |
| ECF-26                     | EKJ-26     | 3/4"         | 10-3/4"          | 6"             | 1-5/8"   |
| ECF-28                     | EKJ-28     | 3/4"         | 12-3/4"          | 8"             | 1-5/8"   |
| ECF-210                    | EKJ-210    | 3/4"         | 14-3/4"          | 10"            | 1-5/8"   |
| ECF-212                    | EKJ-212    | 3/4"         | 16-3/4"          | 12"            | 1-5/8"   |
| ECF-215                    | EKJ-215    | 3/4"         | 19-3/4"          | 15"            | 1-5/8"   |
| ECF-218                    | EKJ-218    | 3/4"         | 22-3/4"          | 18"            | 1-5/8"   |
| ECF-221                    | —          | 3/4"         | 25-3/4"          | 21"            | 1-5/8"   |
| ECF-224                    | —          | 3/4"         | 28-3/4"          | 24"            | 1-5/8"   |
| ECF-230                    | —          | 3/4"         | 34-3/4"          | 30"            | 1-5/8"   |
| ECF-236                    | —          | 3/4"         | 40-3/4"          | 36"            | 1-5/8"   |
| ECF-36                     | EKJ-36     | 1"           | 11-3/4"          | 6"             | 1-15/16" |
| ECF-38                     | EKJ-38     | 1"           | 13-3/4"          | 8"             | 1-15/16" |
| ECF-310                    | EKJ-310    | 1"           | 15-3/4"          | 10"            | 1-15/16" |
| ECF-312                    | EKJ-312    | 1"           | 17-3/4"          | 12"            | 1-15/16" |
| ECF-315                    | EKJ-315    | 1"           | 20-3/4"          | 15"            | 1-15/16" |
| ECF-318                    | EKJ-318    | 1"           | 23-3/4"          | 18"            | 1-15/16" |
| ECF-321                    | EKJ-321    | 1"           | 26-3/4"          | 21"            | 1-15/16" |
| ECF-324                    | EKJ-324    | 1"           | 29-3/4"          | 24"            | 1-15/16" |
| ECF-330                    | EKJ-330    | 1"           | 35-3/4"          | 30"            | 1-15/16" |
| ECF-336                    | EKJ-336    | 1"           | 41-3/4"          | 36"            | 1-15/16" |

| ECF/EKJ FLEXIBLE COUPLINGS |              |                  |                |          |
|----------------------------|--------------|------------------|----------------|----------|
| CAT. NO.                   | DESCRIPTION  |                  |                |          |
| EKJ SERIES                 | CONDUIT SIZE | A OVERALL LENGTH | B FLEX. LENGTH | C DIA.   |
| EKJ-412                    | 1-1/4"       | 18-5/8"          | 12"            | 2-15/16" |
| EKJ-415                    | 1-1/4"       | 21-5/8"          | 15"            | 2-15/16" |
| EKJ-418                    | 1-1/4"       | 24-5/8"          | 18"            | 2-15/16" |
| EKJ-421                    | 1-1/4"       | 27-5/8"          | 21"            | 2-15/16" |
| EKJ-424                    | 1-1/4"       | 30-5/8"          | 24"            | 2-15/16" |
| EKJ-430                    | 1-1/4"       | 36-5/8"          | 30"            | 2-15/16" |
| EKJ-436                    | 1-1/4"       | 42-5/8"          | 36"            | 2-15/16" |
| EKJ-512                    | 1-1/2"       | 18-15/16"        | 12"            | 3-21/32" |
| EKJ-515                    | 1-1/2"       | 21-15/16"        | 15"            | 3-21/32" |
| EKJ-518                    | 1-1/2"       | 24-15/16"        | 18"            | 3-21/32" |
| EKJ-521                    | 1-1/2"       | 27-15/16"        | 21"            | 3-21/32" |
| EKJ-524                    | 1-1/2"       | 30-15/16"        | 24"            | 3-21/32" |
| EKJ-530                    | 1-1/2"       | 36-15/16"        | 30"            | 3-21/32" |
| EKJ-536                    | 1-1/2"       | 42-15/16"        | 36"            | 3-21/32" |
| EKJ-612                    | 2"           | 19-5/16"         | 12"            | 4-9/64"  |
| EKJ-615                    | 2"           | 22-5/16"         | 15"            | 4-9/64"  |
| EKJ-618                    | 2"           | 25-5/16"         | 18"            | 4-9/64"  |
| EKJ-624                    | 2"           | 31-5/16"         | 24"            | 4-9/64"  |
| EKJ-630                    | 2"           | 37-5/16"         | 30"            | 4-9/64"  |
| EKJ-636                    | 2"           | 43-5/16"         | 36"            | 4-9/64"  |

| MINIMUM BEND RADIUS |      |      |     |        |        |     |
|---------------------|------|------|-----|--------|--------|-----|
| SERIES              | 1/2" | 3/4" | 1"  | 1-1/4" | 1-1/2" | 2"  |
| ECF                 | 10"  | 12"  | 14" | —      | —      | —   |
| EKJ                 | 10"  | 12"  | 14" | 14"    | 16"    | 18" |



## BRONZE FLEXIBLE COUPLINGS WITH FEMALE STEEL UNION



Class I, Div. 1 & 2, Groups A,B,C,D  
Class I, Zone 1, Groups IIC, IIB, IIA  
Class II, Div. 1 & 2, Groups E,F,G  
Class III  
Raintight

 Certified - File LR11716

1/2" and 3/4" couplings suitable for:  
Class I, Groups A,B,C,D Class I, Zone 1,  
Groups IIC, IIB, IIA.  
1" couplings suitable for:  
Class I, Groups C,D. Class I, Zone 1,  
Groups IIB, IIA

## FEATURES-SPECIFICATIONS

### Features

- Bronze flexible metal construction
- An inner insulating silicone tubing to protect conductors
- Provided with one zinc plated steel nipple and one zinc plated steel female union
- Special lengths available – consult factory



# FITTINGS

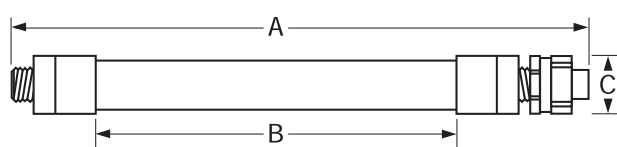
## ECF/EKJ SERIES

### BRONZE FLEXIBLE COUPLINGS WITH FEMALE STEEL UNION

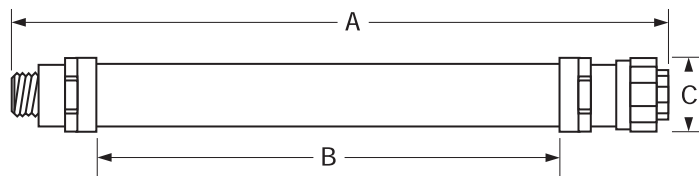
| ECF/EKJ FLEXIBLE COUPLINGS |              |                  |                |             |
|----------------------------|--------------|------------------|----------------|-------------|
| CAT. NO.                   | DESCRIPTION  |                  |                |             |
|                            | CONDUIT SIZE | A OVERALL LENGTH | B FLEX. LENGTH | C DIA.      |
| ECFUF-14                   | 1/2"         | 10-1/8" (257)    | 4" (102)       | 1-1/2" (38) |
| ECFUF-16                   | 1/2"         | 12-1/8" (310)    | 6" (152)       | 1-1/2" (38) |
| ECFUF-18                   | 1/2"         | 14-1/8" (359)    | 8" (203)       | 1-1/2" (38) |
| ECFUF-110                  | 1/2"         | 16-1/8" (410)    | 10" (254)      | 1-1/2" (38) |
| ECFUF-112                  | 1/2"         | 18-1/8" (460)    | 12" (305)      | 1-1/2" (38) |
| ECFUF-115                  | 1/2"         | 21-1/8" (537)    | 15" (381)      | 1-1/2" (38) |
| ECFUF-118                  | 1/2"         | 24-1/8" (613)    | 18" (457)      | 1-1/2" (38) |
| ECFUF-121                  | 1/2"         | 27-1/8" (689)    | 21" (533)      | 1-1/2" (38) |
| ECFUF-124                  | 1/2"         | 30-1/8" (765)    | 24" (610)      | 1-1/2" (38) |
| ECFUF-130                  | 1/2"         | 36-1/8" (918)    | 30" (762)      | 1-1/2" (38) |
| ECFUF-136                  | 1/2"         | 42-1/8" (1070)   | 36" (914)      | 1-1/2" (38) |
| ECFUF-24                   | 3/4"         | 10-1/4" (260)    | 4" (102)       | 1-3/4" (44) |
| ECFUF-26                   | 3/4"         | 12-1/4" (311)    | 6" (152)       | 1-3/4" (44) |
| ECFUF-28                   | 3/4"         | 14-1/4" (362)    | 8" (203)       | 1-3/4" (44) |
| ECFUF-210                  | 3/4"         | 16-1/4" (413)    | 10" (254)      | 1-3/4" (44) |
| ECFUF-212                  | 3/4"         | 18-1/4" (464)    | 12" (305)      | 1-3/4" (44) |
| ECFUF-215                  | 3/4"         | 21-1/4" (540)    | 15" (381)      | 1-3/4" (44) |
| ECFUF-218                  | 3/4"         | 24-1/4" (616)    | 18" (457)      | 1-3/4" (44) |
| ECFUF-221                  | 3/4"         | 27-1/4" (692)    | 21" (533)      | 1-3/4" (44) |
| ECFUF-224                  | 3/4"         | 30-1/4" (768)    | 24" (610)      | 1-3/4" (44) |
| ECFUF-230                  | 3/4"         | 36-1/4" (921)    | 30" (762)      | 1-3/4" (44) |
| ECFUF-236                  | 3/4"         | 42-1/4" (1073)   | 36" (914)      | 1-3/4" (44) |
| ECFUF-36                   | 1"           | 13-3/16" (335)   | 6" (102)       | 2" (51)     |
| ECFUF-38                   | 1"           | 15-3/16" (386)   | 8" (152)       | 2" (51)     |
| ECFUF-310                  | 1"           | 17-3/16" (437)   | 10" (254)      | 2" (51)     |
| ECFUF-312                  | 1"           | 19-3/16" (487)   | 12" (305)      | 2" (51)     |
| ECFUF-315                  | 1"           | 22-3/16" (564)   | 15" (381)      | 2" (51)     |
| ECFUF-318                  | 1"           | 25-3/16" (640)   | 18" (457)      | 2" (51)     |
| ECFUF-321                  | 1"           | 28-3/16" (716)   | 21" (533)      | 2" (51)     |
| ECFUF-324                  | 1"           | 31-3/16" (792)   | 24" (610)      | 2" (51)     |
| ECFUF-330                  | 1"           | 37-3/16" (945)   | 30" (762)      | 2" (51)     |
| ECFUF-336                  | 1"           | 43-3/16" (1097)  | 36" (914)      | 2" (51)     |

| ECF/EKJ FLEXIBLE COUPLINGS |              |                  |                |               |
|----------------------------|--------------|------------------|----------------|---------------|
| CAT. NO.                   | DESCRIPTION  |                  |                |               |
|                            | CONDUIT SIZE | A OVERALL LENGTH | B FLEX. LENGTH | C DIA.        |
| EKJUF-412                  | 1-1/4"       | 20-1/4" (514)    | 12" (305)      | 2-7/8" (73)   |
| EKJUF-415                  | 1-1/4"       | 21-1/4" (591)    | 15" (381)      | 2-7/8" (73)   |
| EKJUF-418                  | 1-1/4"       | 24-1/4" (667)    | 18" (457)      | 2-7/8" (73)   |
| EKJUF-421                  | 1-1/4"       | 27-1/4" (743)    | 21" (533)      | 2-7/8" (73)   |
| EKJUF-424                  | 1-1/4"       | 30-1/4" (819)    | 24" (610)      | 2-7/8" (73)   |
| EKJUF-430                  | 1-1/4"       | 36-1/4" (972)    | 30" (762)      | 2-7/8" (73)   |
| EKJUF-436                  | 1-1/4"       | 42-1/4" (1124)   | 36" (914)      | 2-7/8" (73)   |
| EKJUF-512                  | 1-1/2"       | 21-15/16" (557)  | 12" (305)      | 3-21/32" (93) |
| EKJUF-515                  | 1-1/2"       | 24-15/16" (633)  | 15" (381)      | 3-21/32" (93) |
| EKJUF-518                  | 1-1/2"       | 27-15/16" (710)  | 18" (457)      | 3-21/32" (93) |
| EKJUF-521                  | 1-1/2"       | 30-15/16" (786)  | 21" (533)      | 3-21/32" (93) |
| EKJUF-524                  | 1-1/2"       | 33-15/16" (862)  | 24" (610)      | 3-21/32" (93) |
| EKJUF-530                  | 1-1/2"       | 39-15/16" (1014) | 30" (762)      | 3-21/32" (93) |
| EKJUF-536                  | 1-1/2"       | 45-15/16" (1167) | 36" (914)      | 3-21/32" (93) |
| EKJUF-612                  | 2"           | 21-9/16" (548)   | 12" (305)      | 4-9/64" (105) |
| EKJUF-615                  | 2"           | 24-9/16" (624)   | 15" (381)      | 4-9/64" (105) |
| EKJUF-618                  | 2"           | 27-9/16" (700)   | 18" (457)      | 4-9/64" (105) |
| EKJUF-624                  | 2"           | 33-9/16" (852)   | 24" (610)      | 4-9/64" (105) |
| EKJUF-630                  | 2"           | 39-9/16" (1005)  | 30" (762)      | 4-9/64" (105) |
| EKJUF-636                  | 2"           | 45-9/16" (1157)  | 36" (914)      | 4-9/64" (105) |

| MINIMUM BEND RADIUS |      |      |     |        |        |     |
|---------------------|------|------|-----|--------|--------|-----|
| SERIES              | 1/2" | 3/4" | 1"  | 1-1/4" | 1-1/2" | 2"  |
| ECF                 | 10"  | 12"  | 14" | —      | —      | —   |
| EKJ                 | 10"  | 12"  | 14" | 14"    | 16"    | 18" |



ECFUF 1/2", 3/4", 1"



EKJUF 1-1/4", 1-1/2", 2"



## STAINLESS STEEL FLEXIBLE COUPLINGS



**EKL**  
2-1/2"-4"

Class I, Div. 1 & 2, Groups D  
Class I, Zone 1, Group IIA  
Class II, Div. 1 & 2, Groups E, F, G  
Class III



size 7 Groups A, B, C, D  
sizes 8 & 10 Groups C, D



sizes 7, 8 & 10 Group D

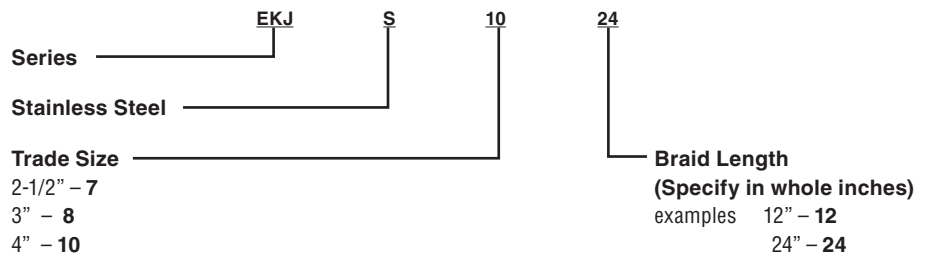
## FEATURES-SPECIFICATIONS

### Features

- Available in custom lengths. See catalog logic to order
- Stainless steel wirebraid construction
- Annular corrugated seamless hose
- Cast in ribs for easy installation
- 2-1/2" – 4" sizes furnished with two aluminum nipples

### CATALOG NUMBER LOGIC

#### Sizes 2-1/2" Thru 4"



### ORDERING EXAMPLE - EKJS-1024

(4" trade size, 24" length)



FITTINGS

## EKJ SERIES

STAINLESS STEEL FLEXIBLE COUPLINGS – ATEX/IEC Ex CERTIFIED



EKJ-211SS-EX



**ATEX / IEC Ex Certified**

**IECEX SIR 10.0057U**

**SIRA 10ATEX11068U 0539**

**Ex II 2GD**

**Ex db IIC Gb, Ex tb IIIC Db IP66**

**Class I, Div. 1 & 2, Groups A,B,C, D**

**Class I, Zone 1, Groups IIB, IIA**

**Class II, Div. 1 & 2, Groups E, F, G**

**Class III**



## FEATURES-SPECIFICATIONS

### Features

- Stainless Steel flexible metal construction
- NPT male fitting (316SS) welded to each end
- Outer Braid (304SS) with inner flex hose of 321SS
- Inner liner of silicone coated fabric

*No Max Length Restrictions, Contact Factory for Custom Lengths*

### MINIMUM BEND RADIUS

| SERIES | 1/2" | 3/4" | 1"  | 1-1/4" | 1-1/2" | 2"  |
|--------|------|------|-----|--------|--------|-----|
| EKJ    | 10"  | 12"  | 14" | 14"    | 16"    | 18" |



## STAINLESS STEEL FLEXIBLE COUPLINGS – ATEX/IEC Ex CERTIFIED

| EKJ FLEXIBLE COUPLINGS - QUAD LISTED |              |                     |                      |               |
|--------------------------------------|--------------|---------------------|----------------------|---------------|
| CATALOG NUMBER                       | CONDUIT SIZE | A<br>OVERALL LENGTH | B<br>FLEXIBLE LENGTH | C<br>DIAMETER |
| EKJ-14SS-EX                          | 1/2"         | 8-9/64" (207)       | 4" (102)             | 1-1/8" (34)   |
| EKJ-18SS-EX                          | 1/2"         | 12-9/64" (308)      | 8" (203)             | 1-1/8" (34)   |
| EKJ-112SS-EX                         | 1/2"         | 16-9/64" (410)      | 12" (305)            | 1-1/8" (34)   |
| EKJ-116SS-EX                         | 1/2"         | 20-9/64" (512)      | 16" (406)            | 1-1/8" (34)   |
| EKJ-120SS-EX                         | 1/2"         | 24-9/64" (613)      | 20" (508)            | 1-1/8" (34)   |
| EKJ-124SS-EX                         | 1/2"         | 28-9/64" (715)      | 24" (610)            | 1-1/8" (34)   |
| EKJ-128SS-EX                         | 1/2"         | 32-9/64" (816)      | 28" (711)            | 1-1/8" (34)   |
| EKJ-132SS-EX                         | 1/2"         | 36-9/64" (918)      | 32" (813)            | 1-1/8" (34)   |
| EKJ-136SS-EX                         | 1/2"         | 40-9/64" (1020)     | 36" (914)            | 1-1/8" (34)   |
| EKJ-27SS-EX                          | 3/4"         | 11-1/2" (292)       | 7" (178)             | 1-11/16" (43) |
| EKJ-211SS-EX                         | 3/4"         | 15-1/2" (394)       | 11" (279)            | 1-11/16" (43) |
| EKJ-215SS-EX                         | 3/4"         | 19-1/2" (495)       | 15" (381)            | 1-11/16" (43) |
| EKJ-219SS-EX                         | 3/4"         | 23-1/2" (597)       | 19" (483)            | 1-11/16" (43) |
| EKJ-223SS-EX                         | 3/4"         | 27-1/2" (699)       | 23" (584)            | 1-11/16" (43) |
| EKJ-227SS-EX                         | 3/4"         | 31-1/2" (800)       | 27" (686)            | 1-11/16" (43) |
| EKJ-231SS-EX                         | 3/4"         | 35-1/2" (902)       | 31" (788)            | 1-11/16" (43) |
| EKJ-235SS-EX                         | 3/4"         | 39-1/2" (1003)      | 35" (889)            | 1-11/16" (43) |
| EKJ-37SS-EX                          | 1"           | 12" (305)           | 7" (178)             | 2" (50)       |
| EKJ-311SS-EX                         | 1"           | 16" (406)           | 11" (279)            | 2" (50)       |
| EKJ-315SS-EX                         | 1"           | 20" (508)           | 15" (381)            | 2" (50)       |
| EKJ-319SS-EX                         | 1"           | 24" (610)           | 19" (483)            | 2" (50)       |
| EKJ-323SS-EX                         | 1"           | 28" (711)           | 23" (584)            | 2" (50)       |
| EKJ-327SS-EX                         | 1"           | 32" (813)           | 27" (686)            | 2" (50)       |
| EKJ-331SS-EX                         | 1"           | 36" (914)           | 31" (788)            | 2" (50)       |
| EKJ-335SS-EX                         | 1"           | 40" (1016)          | 35" (889)            | 2" (50)       |
| EKJ-513SS-EX                         | 1-1/2"       | 18-1/8" (460)       | 13" (330)            | 2-25/32" (71) |
| EKJ-517SS-EX                         | 1-1/2"       | 23-1/8" (587)       | 17" (432)            | 2-25/32" (71) |
| EKJ-521SS-EX                         | 1-1/2"       | 27-1/8" (689)       | 21" (533)            | 2-25/32" (71) |
| EKJ-525SS-EX                         | 1-1/2"       | 31-1/8" (791)       | 25" (635)            | 2-25/32" (71) |
| EKJ-529SS-EX                         | 1-1/2"       | 35-1/8" (892)       | 29" (737)            | 2-25/32" (71) |
| EKJ-533SS-EX                         | 1-1/2"       | 39-1/8" (994)       | 33" (838)            | 2-25/32" (71) |
| EKJ-614SS-EX                         | 2"           | 21-17/64" (540)     | 14" (356)            | 3-19/32" (91) |
| EKJ-618SS-EX                         | 2"           | 25-17/64" (642)     | 18" (457)            | 3-19/32" (91) |
| EKJ-622SS-EX                         | 2"           | 29-17/64" (743)     | 22" (559)            | 3-19/32" (91) |
| EKJ-626SS-EX                         | 2"           | 33-17/64" (845)     | 26" (660)            | 3-19/32" (91) |
| EKJ-630SS-EX                         | 2"           | 37-17/64" (947)     | 30" (762)            | 3-19/32" (91) |
| EKJ-634SS-EX                         | 2"           | 41-17/64" (1048)    | 34" (864)            | 3-19/32" (91) |

