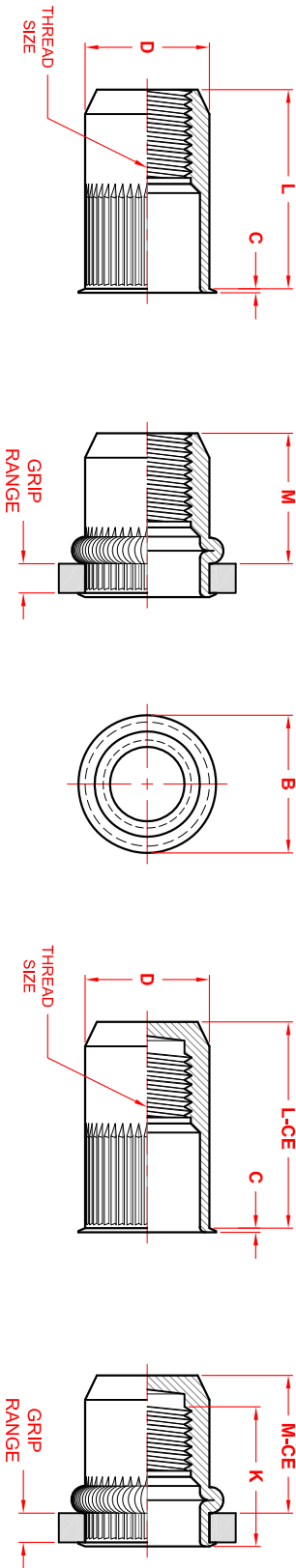


RIVETKING® IKR SERIES - ROUND KNURLED BODY, REDUCED HEAD, THIN WALL RIVET NUT



IKR SERIES - OPEN END

IKR-CE SERIES - CLOSED END

MCH DIMENSIONS - RIVET NUT SPECIFICATIONS

| THREAD<br>SIZE | GRIP<br>CODE | GRIP<br>RANGE | IKR SERIES - OPEN END |                          |                      |                         |                    |                            |                | IKR-CE SERIES - CLOSED END |                      |                         |                    |                                |                            |      | HOLE<br>SIZE |
|----------------|--------------|---------------|-----------------------|--------------------------|----------------------|-------------------------|--------------------|----------------------------|----------------|----------------------------|----------------------|-------------------------|--------------------|--------------------------------|----------------------------|------|--------------|
|                |              |               | PART<br>NUMBER        | L                        | B                    | C                       | D                  | M                          | PART<br>NUMBER | L-CE                       | B                    | C                       | D                  | K                              | M-CE                       |      |              |
|                |              |               |                       | RIVET<br>LENGTH<br>±.015 | HEAD<br>DIA<br>±.015 | HEAD<br>HEIGHT<br>±.003 | BODY<br>DIA<br>MAX | INSTALLED<br>LENGTH<br>MAX |                | RIVET<br>LENGTH<br>MAX     | HEAD<br>DIA<br>±.015 | HEAD<br>HEIGHT<br>±.003 | BODY<br>DIA<br>MAX | INSTALLED<br>HOLE DEPTH<br>MAX | INSTALLED<br>LENGTH<br>MAX |      |              |
| #6-32          | 1            | .020 .080     | 6C1IKR                | .420                     | .310                 | .019                    | .265               | .305                       | 6C1IKR/CE      | .755                       | .310                 | .019                    | .265               | .610                           | .640                       | .266 |              |
| #6-32          | 2            | .080 .130     | 6C2IKR                | .470                     | .310                 | .019                    | .265               | .305                       | 6C2IKR/CE      | .755                       | .310                 | .019                    | .265               | .670                           | .680                       | .266 |              |
| #8-32          | 1            | .020 .080     | 8C1IKR                | .420                     | .310                 | .019                    | .265               | .305                       | 8C1IKR/CE      | .755                       | .310                 | .019                    | .265               | .610                           | .640                       | .266 |              |
| #8-32          | 2            | .080 .130     | 8C2IKR                | .470                     | .310                 | .019                    | .265               | .305                       | 8C2IKR/CE      | .755                       | .310                 | .019                    | .265               | .670                           | .680                       | .266 |              |
| #10-24         | 1            | .020 .130     | 10C1IKR               | .475                     | .340                 | .019                    | .296               | .315                       | 10C1IKR/CE     | 1.005                      | .340                 | .019                    | .296               | .730                           | .845                       | .297 |              |
| #10-24         | 2            | .130 .225     | 10C2IKR               | .585                     | .340                 | .019                    | .296               | .315                       | 10C2IKR/CE     | 1.005                      | .340                 | .019                    | .296               | .840                           | .755                       | .297 |              |
| #10-32         | 1            | .020 .130     | 10F1IKR               | .475                     | .340                 | .019                    | .296               | .315                       | 10F1IKR/CE     | 1.005                      | .340                 | .019                    | .296               | .730                           | .845                       | .297 |              |
| #10-32         | 2            | .130 .225     | 10F2IKR               | .585                     | .340                 | .019                    | .296               | .315                       | 10F2IKR/CE     | 1.005                      | .340                 | .019                    | .296               | .840                           | .755                       | .297 |              |
| 1/4-20         | 1            | .027 .165     | 25C1IKR               | .580                     | .455                 | .023                    | .390               | .380                       | 25C1IKR/CE     | 1.205                      | .455                 | .023                    | .390               | .895                           | 1.005                      | .391 |              |
| 1/4-20         | 2            | .165 .260     | 25C2IKR               | .680                     | .455                 | .023                    | .390               | .380                       | 25C2IKR/CE     | 1.205                      | .455                 | .023                    | .390               | 1.035                          | .905                       | .391 |              |
| 1/4-28         | 1            | .027 .165     | 25F1IKR               | .580                     | .455                 | .023                    | .390               | .380                       | 25F1IKR/CE     | 1.205                      | .455                 | .023                    | .390               | .895                           | 1.005                      | .391 |              |
| 1/4-28         | 2            | .165 .260     | 25F2IKR               | .680                     | .455                 | .023                    | .390               | .380                       | 25F2IKR/CE     | 1.205                      | .455                 | .023                    | .390               | 1.035                          | .905                       | .391 |              |
| 5/16-18        | 1            | .027 .150     | 31C1IKR               | .690                     | .595                 | .023                    | .530               | .470                       | 31C1IKR/CE     | 1.405                      | .595                 | .023                    | .530               | .995                           | 1.175                      | .531 |              |
| 5/16-18        | 2            | .150 .312     | 31C2IKR               | .805                     | .595                 | .023                    | .530               | .425                       | 31C2IKR/CE     | 1.405                      | .595                 | .023                    | .530               | 1.120                          | 1.025                      | .531 |              |
| 5/16-24        | 1            | .027 .150     | 31F1IKR               | .690                     | .595                 | .023                    | .530               | .470                       | 31F1IKR/CE     | 1.405                      | .595                 | .023                    | .530               | .995                           | 1.175                      | .531 |              |
| 5/16-24        | 2            | .150 .312     | 31F2IKR               | .805                     | .595                 | .023                    | .530               | .425                       | 31F2IKR/CE     | 1.405                      | .595                 | .023                    | .530               | 1.120                          | 1.025                      | .531 |              |
| 3/8-16         | 1            | .027 .150     | 37C1IKR               | .690                     | .595                 | .023                    | .530               | .470                       | 37C1IKR/CE     | 1.405                      | .595                 | .023                    | .530               | .995                           | 1.175                      | .531 |              |
| 3/8-16         | 2            | .150 .312     | 37C2IKR               | .805                     | .595                 | .023                    | .530               | .425                       | 37C2IKR/CE     | 1.405                      | .595                 | .023                    | .530               | 1.120                          | 1.025                      | .531 |              |
| 3/8-24         | 1            | .027 .150     | 37F1IKR               | .690                     | .595                 | .023                    | .530               | .470                       | 37F1IKR/CE     | 1.405                      | .595                 | .023                    | .530               | .995                           | 1.175                      | .531 |              |
| 3/8-24         | 2            | .150 .312     | 37F2IKR               | .805                     | .595                 | .023                    | .530               | .425                       | 37F2IKR/CE     | 1.405                      | .595                 | .023                    | .530               | 1.120                          | 1.025                      | .531 |              |

METRIC DIMENSIONS - RIVET NUT SPECIFICATIONS

| THREAD<br>SIZE | GRIP<br>CODE | GRIP<br>RANGE | PART<br>NUMBER | L         | B     | C     | D    | M     | PART<br>NUMBER | L-CE         | B     | C     | D     | K     | M-CE  | HOLE<br>SIZE |       |
|----------------|--------------|---------------|----------------|-----------|-------|-------|------|-------|----------------|--------------|-------|-------|-------|-------|-------|--------------|-------|
|                |              |               |                | ±0.38     | ±0.38 | ±0.08 | MAX  | MAX   |                |              | MAX   | ±0.38 | ±0.08 | MAX   | MAX   |              | MAX   |
|                |              |               |                | MIN       | MAX   | MIN   | MAX  | MIN   |                |              | MAX   | MIN   | MAX   | MIN   | MAX   |              | MIN   |
| M3x0.5         | 1            | 0.50          | 2.00           | .30C1IKR  | 10.67 | 7.87  | 0.48 | 6.73  | 7.75           | .30C1IKR/CE  | 19.18 | 7.87  | 0.48  | 6.73  | 15.49 | 16.26        | 6.75  |
| M3x0.5         | 2            | 2.00          | 3.30           | .30C2IKR  | 11.94 | 7.87  | 0.48 | 6.73  | 7.75           | .30C2IKR/CE  | 19.18 | 7.87  | 0.48  | 6.73  | 17.02 | 14.73        | 6.75  |
| M4x0.7         | 1            | 0.50          | 2.00           | .40C1IKR  | 10.67 | 7.87  | 0.48 | 6.73  | 7.75           | .40C1IKR/CE  | 19.18 | 7.87  | 0.48  | 6.73  | 15.49 | 16.26        | 6.75  |
| M4x0.7         | 2            | 2.00          | 3.30           | .40C2IKR  | 11.94 | 7.87  | 0.48 | 6.73  | 7.75           | .40C2IKR/CE  | 19.18 | 7.87  | 0.48  | 6.73  | 17.02 | 14.73        | 6.75  |
| M5x0.8         | 1            | 0.50          | 3.30           | .50C1IKR  | 12.07 | 8.64  | 0.48 | 7.52  | 8.00           | .50C1IKR/CE  | 25.53 | 8.64  | 0.48  | 7.52  | 18.54 | 21.46        | 7.60  |
| M5x0.8         | 2            | 3.30          | 5.70           | .50C2IKR  | 14.86 | 8.64  | 0.48 | 7.52  | 8.00           | .50C2IKR/CE  | 25.53 | 8.64  | 0.48  | 7.52  | 21.34 | 18.67        | 7.60  |
| M6x1.0         | 1            | 0.70          | 4.20           | .60C1IKR  | 14.73 | 11.56 | 0.58 | 9.91  | 9.65           | .60C1IKR/CE  | 30.61 | 11.56 | 0.58  | 9.91  | 22.73 | 25.53        | 10.0  |
| M6x1.0         | 2            | 4.20          | 6.60           | .60C2IKR  | 17.27 | 11.56 | 0.58 | 9.91  | 9.65           | .60C2IKR/CE  | 30.61 | 11.56 | 0.58  | 9.91  | 26.29 | 22.99        | 10.0  |
| M8x1.25        | 1            | 0.70          | 3.80           | .80C1IKR  | 17.53 | 15.11 | 0.58 | 13.46 | 11.94          | .80C1IKR/CE  | 35.69 | 15.11 | 0.58  | 13.46 | 25.27 | 29.85        | 13.50 |
| M8x1.25        | 2            | 3.80          | 7.90           | .80C2IKR  | 20.45 | 15.11 | 0.58 | 13.46 | 10.80          | .80C2IKR/CE  | 35.69 | 15.11 | 0.58  | 13.46 | 28.45 | 26.04        | 13.50 |
| M10x1.50       | 1            | 0.70          | 3.80           | .100C1IKR | 17.53 | 15.11 | 0.58 | 13.46 | 11.94          | .100C1IKR/CE | 35.69 | 15.11 | 0.58  | 13.46 | 25.27 | 29.85        | 13.50 |
| M10x1.50       | 2            | 3.80          | 7.90           | .100C2IKR | 20.45 | 15.11 | 0.58 | 13.46 | 10.80          | .100C2IKR/CE | 35.69 | 15.11 | 0.58  | 13.46 | 28.45 | 26.04        | 13.50 |

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REDRAWN: CNCastañeda/2.07.25  
APPROVED: RK/6.05.26  
APPROVED: RE/6.05.26  
APPROVED: (rev.d) xx/xx.xx.xx

DESCRIPTION: **ROUND KNURLED BODY, REDUCED HEAD THIN WALL RIVET NUT**

LIMITS UNLESS STATED: DECIMAL ±.015 ANGULAR ±2° SURFACE TEXTURE DIMENSIONS IN INCHES UNLESS OTHERWISE STATED, DIMENSIONS IN PARENTHESIS ARE FOR REFERENCE ONLY, REMOVE ALL BURRS & SHARP EDGES ORIGINAL SHEET SIZE 8.5" X 11"

**Industrial Rivet & Fastener Co.**  
35 MAPLE STREET  
NORWOOD, NJ, 07648  
TEL: (201) 750 1040  
info@rivet.com

SHEET: 1 OF 1  
SALES  
PART# AS NOTED ON CHART  
DWG# IKR/IKR-CE SERIES  
REV: D

MATERIAL & FINISH SPEC'S

MAT'L S = STEEL, LOW CARBON 6%-10% 3 = STAINLESS STEEL, 18-8, 304SS A = ALUMINUM B = BRASS  
HEAT TREAT S/R  
SURF. FINISH Y = ZINC YELLOW C/3+ Z = ZINC C/3+ ROHS COMPLIANT P = PLAIN P = PLAIN  
ALTERNATIVE FINISHES ARE INDICATED BY THE SURF IN THE PART NUMBER AND ARE REFERENCED ON ORDER DOCUMENTS\*\*  
PROCESSING: HTL REPT COLOREX S/R FINISH ASSTY FOC PACK

| REV | DESCRIPTION                                 | DATE    |
|-----|---------------------------------------------|---------|
| D   | Dwg corrected/updated; Brass & Plain added; | 6.05.26 |
|     | 1/2 & M12 Sizes removed;                    |         |
| C   | #8-32 B/C were .311/.023 & Metric 7.90/0.60 | 2.13.26 |
|     | IKR-CE B & C corrected to replicate IKR's   |         |