

# KAJ MANHOLE COVERS



( AN ISO 9001 - 2000 CO.)

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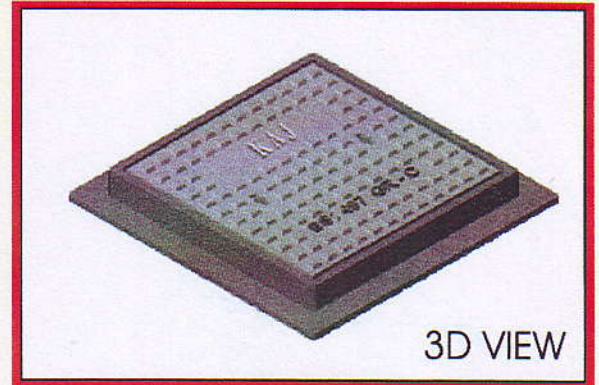
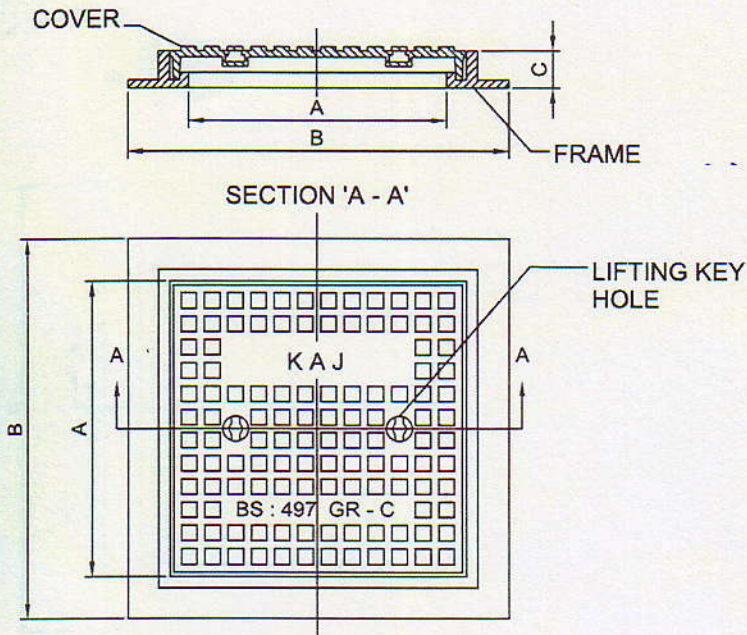
# SOLID TOP MANHOLE COVER & FRAME

**KAJ**

**AS PER BS - 497 - 76**

**CAST IRON**

|         |     |
|---------|-----|
| 300X300 | S/S |
| 600X600 | S/S |



| PRODUCT       | CLEAR OPENING | OVER BASE | HEIGHT | TYPE | LOADING | WEIGHT |
|---------------|---------------|-----------|--------|------|---------|--------|
| CATALOGUE NO. | A (MM)        | B (MM)    | C (MM) |      |         | KG ±5% |
| UM - 1166     | 300X300       | 370X370   | 25     | S/S  | C       | 7      |
| UM - 1167     | 300X300       | 380X380   | 42     | S/S  | C       | 13     |
| UM - 1168     | 300X300       | 385X385   | 42     | S/S  | C       | 16     |
| UM - 1169     | 450X450       | 540X540   | 40     | S/S  | C       | 28     |
| UM - 1170     | 600x600       | 685x685   | 40     | S/S  | C       | 32     |
| UM - 1171     | 600x600       | 680x680   | 40     | S/S  | C       | 42     |

1. Marking -Specification will be Cast as per requirement.
2. Badge - Shall be provided as per Buyer requirement.
3. Design may vary at the time of supply due to change of pattern / change of design.

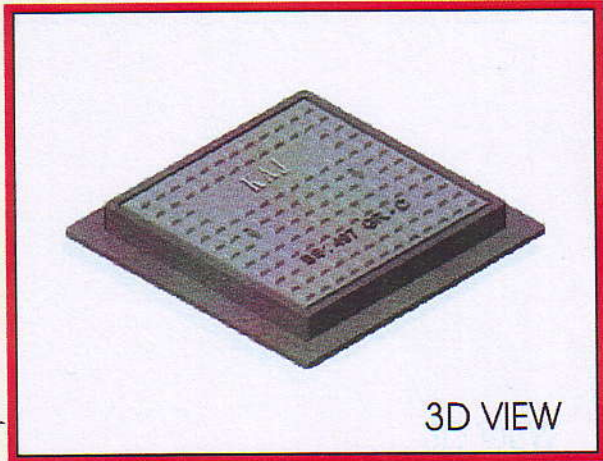
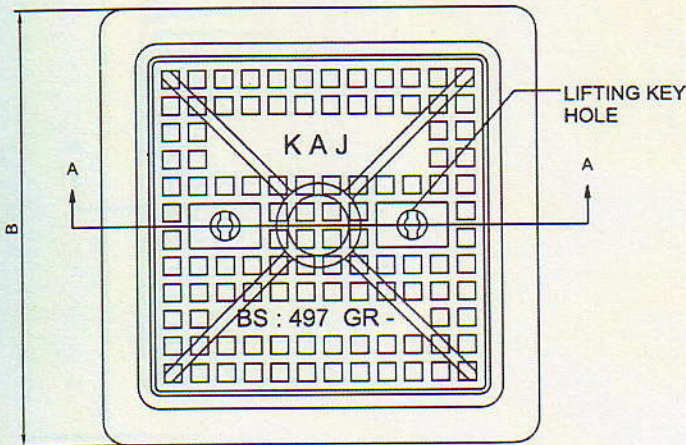
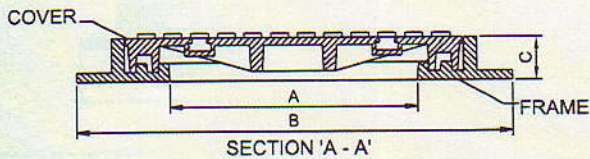
# SOLID TOP MANHOLE COVER & FRAME



AS PER BS - 497 - 76

CAST IRON

|         |     |
|---------|-----|
| 300X300 | D/S |
| 450X450 | D/S |



| PRODUCT       | CLEAR OPENING | OVER BASE | HEIGHT | TYPE | LOADING | WEIGHT |
|---------------|---------------|-----------|--------|------|---------|--------|
| CATALOGUE NO. | A (MM)        | B (MM)    | C (MM) |      |         | KG ±5% |
| UM - 1201     | 300X300       | 450X450   | 41     | D/S  | B       | 28     |
| UM - 1202     | 300X300       | 460X460   | 65     | D/S  | B       | 35     |
| UM - 1203     | 300X300       | 480X480   | 65     | D/S  | A       | 50     |
| UM - 1204     | 300x300       | 455X455   | 75     | D/S  | A       | 45     |
| UM - 1205     | 300x300       | 395x395   | 43     | D/S  | C       | 22     |
| UM - 1206     | 300X300       | 450X450   | 60     | D/S  | B       | 38     |
| UM - 1207     | 450X450       | 605X605   | 40     | D/S  | C       | 40     |
| UM - 1208     | 450X450       | 650X650   | 75     | D/S  | B       | 80     |

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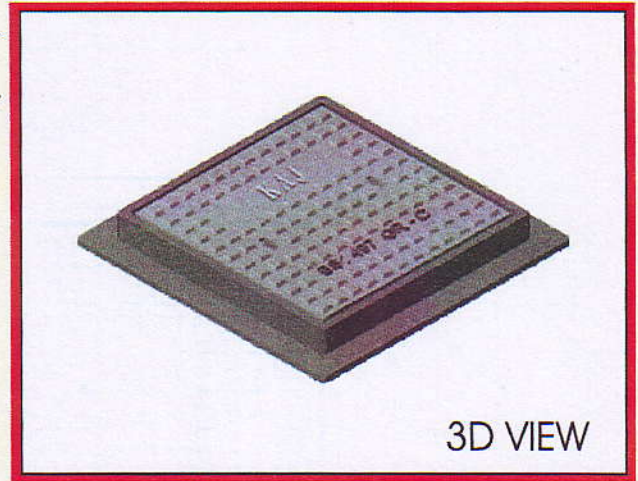
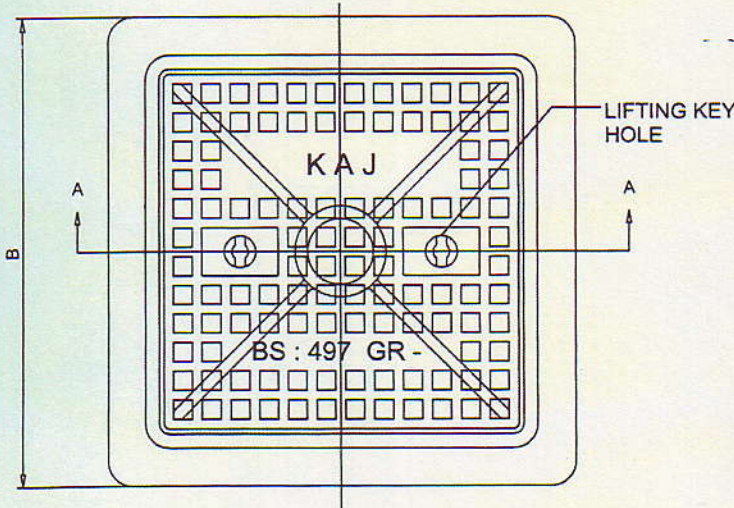
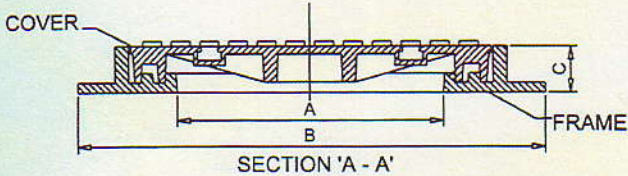
# SOLID TOP MANHOLE COVER & FRAME

**KAJ**

**AS PER BS - 497 - 76**

**CAST IRON**

|         |     |
|---------|-----|
| 600X600 | D/S |
| 800X800 | D/S |
| 900X900 | D/S |



| PRODUCT CATALOGUE NO. | CLEAR OPENING A (MM) | OVER BASE B (MM) | HEIGHT C (MM) | TYPE | LOADING | WEIGHT KG ±5% |
|-----------------------|----------------------|------------------|---------------|------|---------|---------------|
| UM - 1251             | 600X600              | 770X770 -        | 40            | D/S  | C       | 57            |
| UM - 1252             | 600X600              | 765X765          | 30            | D/S  | C       | 57            |
| UM - 1253             | 600X600              | 770X770          | 40            | D/S  | C       | 70            |
| UM - 1254             | 600X600              | 785X785          | 75            | D/S  | B       | 98            |
| UM - 1255             | 600X600              | 785X785          | 75            | D/S  | B       | 110           |
| UM - 1256             | 600X600              | 790X790          | 65            | D/S  | B       | 120           |
| UM - 1257             | 600X600              | 792X792          | 75            | D/S  | A       | 155           |
| UM - 1258             | 600X600              | 785X785          | 100           | D/S  | A       | 210           |
| UM - 1259             | 800X800              | 1000X1000        | 75            | D/S  | A       | 235           |
| UM - 1260             | 800X800              | 980X980          | 40            | D/S  | C       | 115           |
| UM - 1261             | 900X900              | 1100X1100        | 100           | D/S  | A       | 280           |
| UM - 1261A            | 900X900              | 1100X1100        | 40            | D/S  | C       | 150           |

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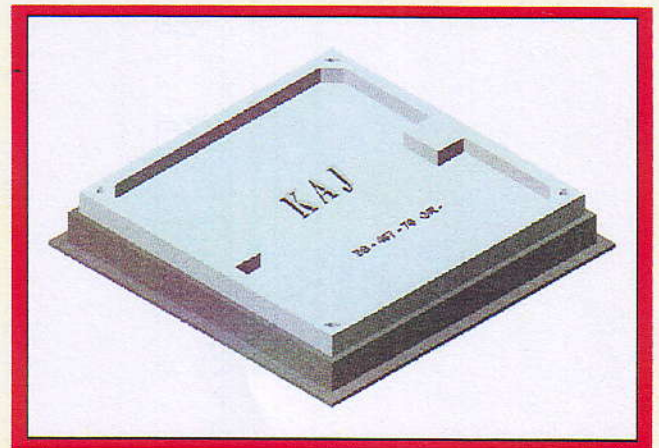
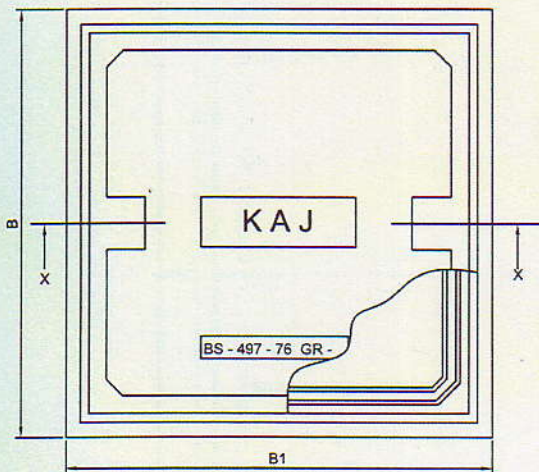
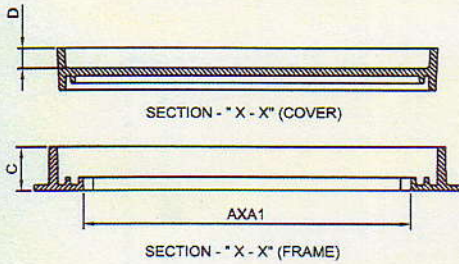
# RECESSED MANHOLE COVER & FRAME

**KAJ**

AS PER BS - 497 - 76

CAST IRON

|         |   |
|---------|---|
| 300X300 | R |
| 450X450 | R |
| 600X700 | R |
| 600X900 | R |



| PRODUCT       | CLEAR OPENING | OVER BASE | HEIGHT | RECESSED    | GRADE | TYPE | WEIGHT |
|---------------|---------------|-----------|--------|-------------|-------|------|--------|
| CATALOGUE NO. | A1XA (MM)     | B1XB (MM) | C (MM) | DEPTHD (MM) |       |      | KG ±5% |
| UM - R - 401  | 300X300       | 460X460   | 100    | 65          | A     | D/S  | 55     |
| UM - R - 402  | 300X300       | 450X450   | 90     | 65          | B     | D/S  | 35     |
| UM - R - 403  | 450X450       | 630X630   | 105    | 65          | A     | D/S  | 90     |
| UM - R - 404  | 450X450       | 600X600   | 90     | 65          | C     | D/S  | 45     |
| UM - R - 405  | 600X600       | 750X750   | 60     | 30          | C     | D/S  | 55     |
| UM - R - 406  | 600X600       | 760X760   | 100    | 65          | B     | D/S  | 95     |
| UM - R - 407  | 600X600       | 780X780   | 110    | 65          | A     | D/S  | 120    |
| UM - R - 408  | 600X600       | 785X785   | 75     | 65          | C     | D/S  | 74     |
| UM - R - 409  | 600X600       | 780X780   | 115    | 80          | B     | D/S  | 108    |
| UM - R - 410  | 600X900       | 785X785   | 100    | 65          | A     | D/S  | 160    |

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4. Lifting key holes are provided in corner/middle of the cover.

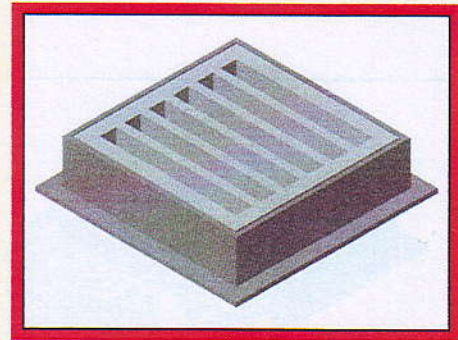
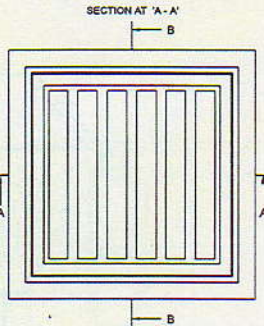
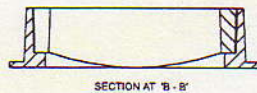
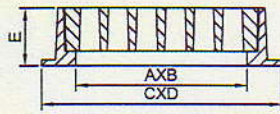
# GULLY GRATING

**KAJ**

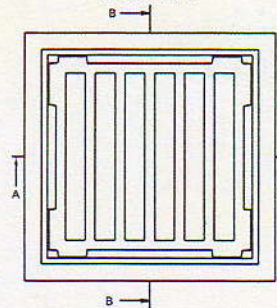
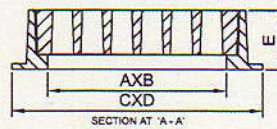
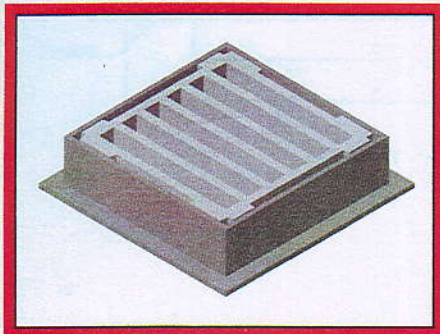
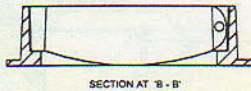
**AS PER BS - 497 - 76 / BS EN -124**

**CAST IRON**

**300X300**



| PRODUCT        | CLEAR OPENING | OVER BASE | HEIGHT | LOADING | WEIGHT        |
|----------------|---------------|-----------|--------|---------|---------------|
| CATALOGUE NO.  | AXB (MM)      | CXD (MM)  | E (MM) |         | (KG) $\pm$ 5% |
| UM - GG - 5001 | 300X300       | 420X420   | 100    | A       | 50            |



**300X300**

**600X600**

| PRODUCT        | CLEAR OPENING | OVER BASE | HEIGHT | LOADING | WEIGHT        |
|----------------|---------------|-----------|--------|---------|---------------|
| CATALOGUE NO.  | AXB (MM)      | CXD (MM)  | E (MM) |         | (KG) $\pm$ 5% |
| UM - GG - 5002 | 300X300       | 420X420   | 50     | B       | 28            |
| UM - GG - 5003 | 600X600       | 730X730   | 75     | A       | 80            |

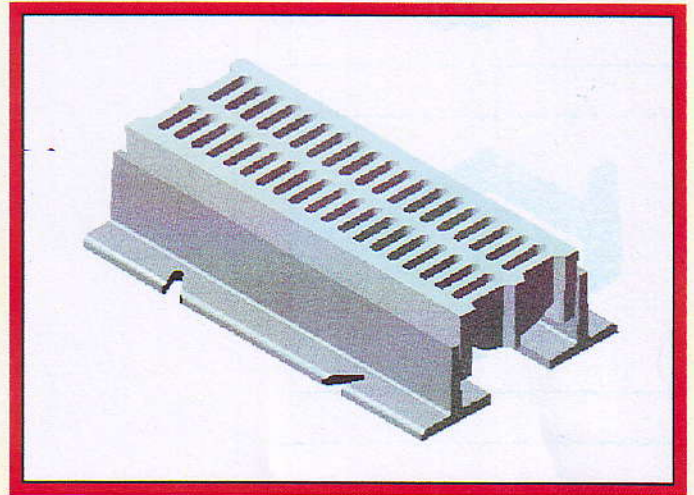
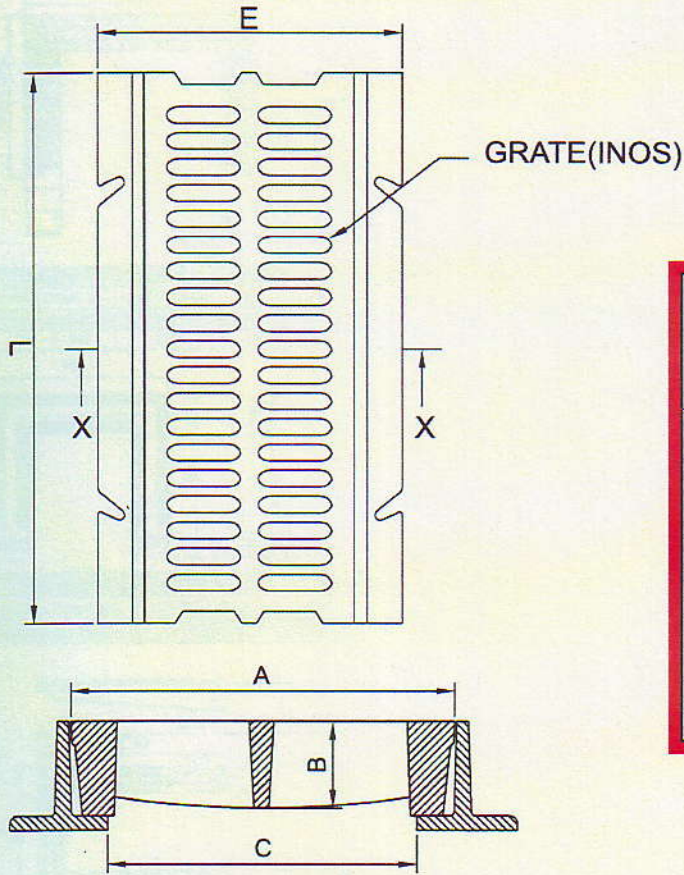
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# CHANNEL / TRENCH GRATINGS



AS PER BS - 497 - 76

CAST IRON



SECTION - "X - X"  
(ENLARGE VIEW)

| PRODUCT       | WIDTH OF | OVER ALL  | CLEAR   | GRATING | WIDTH       | FRAME  | GRADE | WEIGHT |
|---------------|----------|-----------|---------|---------|-------------|--------|-------|--------|
| CATALOGUE     | GRATING  | GR. THICK | OPENING | LENGTH  | OVERALL FR. | DEPTH  |       | KG ±5% |
| NO.           | A (MM)   | B (MM)    | C (MM)  | L (MM)  | E (MM)      | D (MM) |       |        |
| UM - CH - 150 | 150      | 40        | 110     | 750     | 235         | 55     | A     | 38     |
| UM - CH - 225 | 225      | 50        | 175     | 750     | 305         | 65     | A     | 55     |
| UM - CH - 300 | 300      | 65        | 250     | 750     | 380         | 65     | A     | 68     |
| UM - CH - 350 | 350      | 75        | 300     | 750     | 430         | 65     | A     | 80     |
| UM - CH - 400 | 400      | 65        | 350     | 750     | 480         | 65     | A     | 63     |

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