

# G-CAST®



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## Precast Concrete Manhole System



# G-Cast Precast Concrete Manhole System

G-Cast precast concrete manhole systems offer you all the advantages of precast construction for manholes through combining precast components manufactured by the unique G-Cast process.

## Advantages

- Savings in cost of construction
- High quality (factory made) units
- Efficient installation, savings in time and labour
- No formwork required
- Heights can be easily changed without damaging segments

## Special Sizes

Special sizes for manholes can be manufactured based on contractors' requirements.



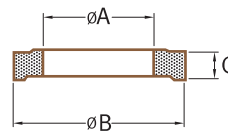
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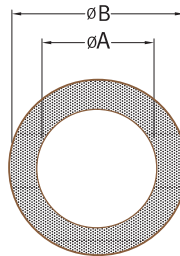
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### 1 MAKE-UP PIECE

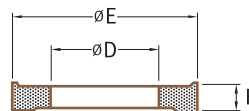


CROSS SECTION

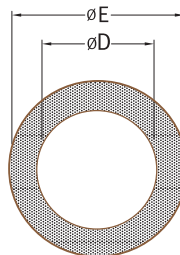


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### 2 SHAFT COVER SLAB

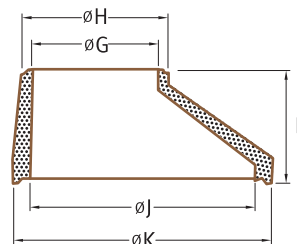


CROSS SECTION

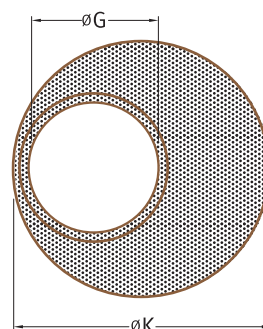


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### 3 TAPER TOP

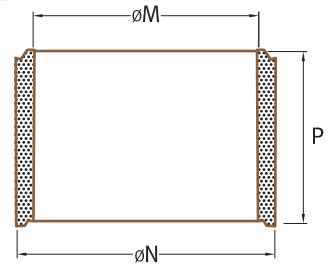


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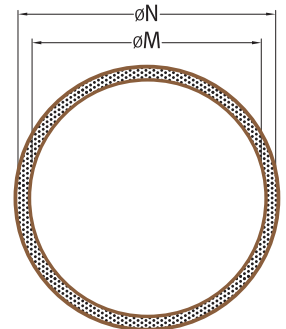


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### 4 CHAMBER RING

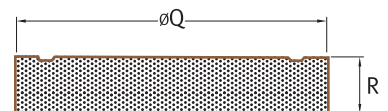


CROSS SECTION

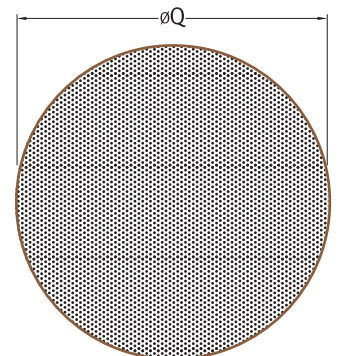


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### 5 BASE SLAB

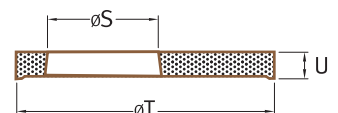


CROSS SECTION

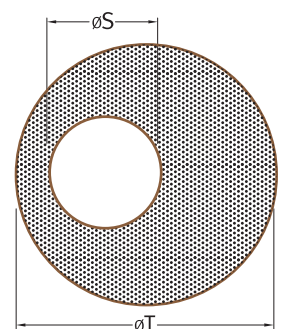


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### 6 CHAMBER COVER SLAB



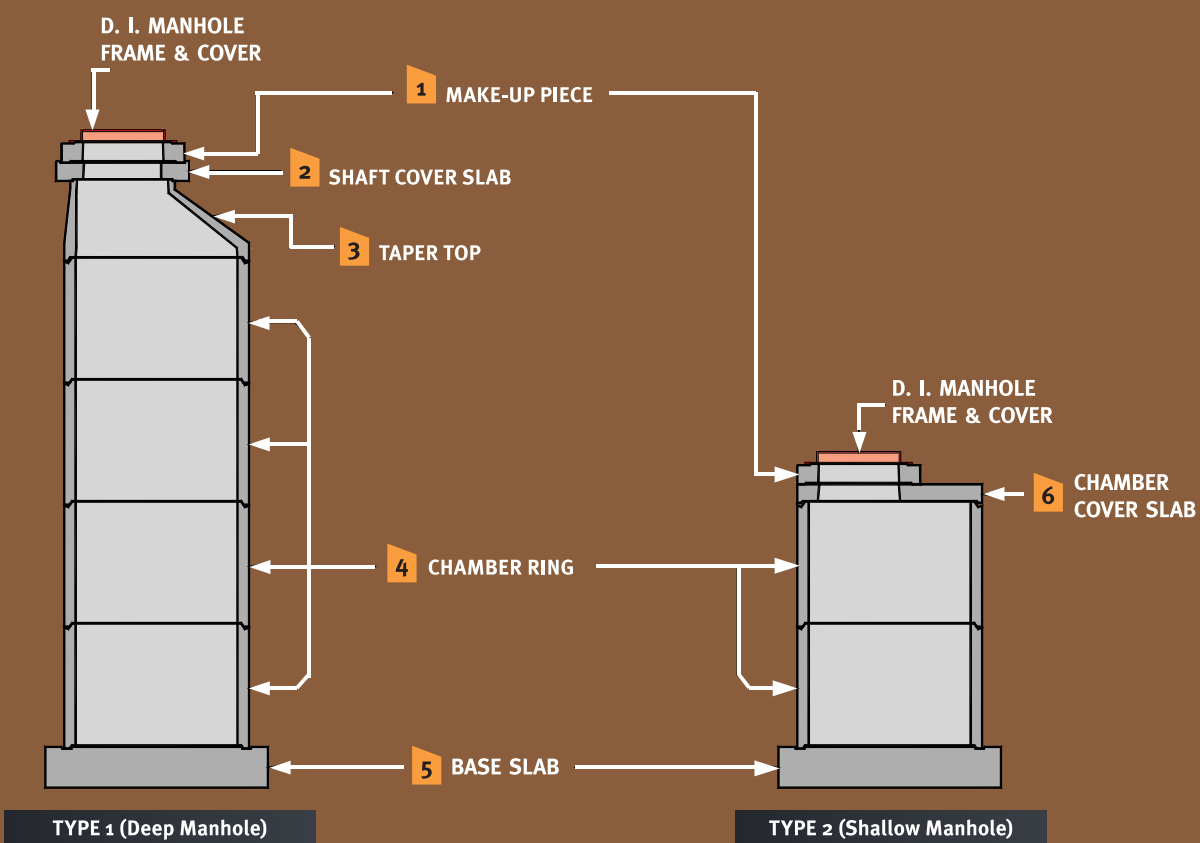
CROSS SECTION



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# Product Specification

|                        |                |
|------------------------|----------------|
| Nominal Diameter Range | 1200 - 1800 mm |
|------------------------|----------------|



| Products |                    |     | Nominal Diameter        |         |         |         |
|----------|--------------------|-----|-------------------------|---------|---------|---------|
|          |                    |     | 1200 mm                 | 1350 mm | 1500 mm | 1800 mm |
| 1        | Make-up Piece      | Ø A | 600                     |         |         |         |
|          |                    | Ø B | 910                     |         |         |         |
|          |                    | C   | 300 / 225 / 150         |         |         |         |
| 2        | Shaft Cover Slab   | Ø D | 600                     |         |         |         |
|          |                    | Ø E | 985                     | 985     | 985     | 985     |
|          |                    | F   | 125                     |         |         |         |
| 3        | Taper Top          | Ø G | 675                     | 675     | 675     | 675     |
|          |                    | Ø H | 775                     | 775     | 775     | 775     |
|          |                    | Ø J | 1200                    | 1350    | 1500    | 1800    |
|          |                    | K   | 1370                    | 1540    | 1710    | 2050    |
|          |                    | L   | 600                     | 900     | 900     | 900     |
| 4        | Chamber Ring       | Ø M | 1200                    | 1350    | 1500    | 1800    |
|          |                    | Ø N | 1370                    | 1540    | 1710    | 2050    |
|          |                    | P   | 600 / 900 / 1200 / 1500 |         |         |         |
| 5        | Base Slab          | Ø Q | 1650                    | 1780    | 1950    | 2250    |
|          |                    | R   | 300 / 400               |         |         |         |
| 6        | Chamber Cover Slab | Ø S | 600                     |         |         |         |
|          |                    | Ø T | 1370                    | 1540    | 1710    | 2050    |
|          |                    | U   | 125                     | 125     | 150     | 150     |

**Note**  
All chamber rings c/w 20mm high alumina cement (HAC) lining or 2 layers coal tar epoxy lining as required by SPAN. Other components c/w 2 layers coal tar epoxy lining.



**G-CAST CONCRETE SDN BHD** (971228-X)

A-1-3A, Pusat Perdagangan Kuchai  
No. 2, Jalan 1/127, Off Jalan Kuchai Lama  
58200 Kuala Lumpur, Malaysia

**T** : +603 7982 8168

**F** : +603 7982 8068

[www.g-cast.com.my](http://www.g-cast.com.my)

**Factory :**

- Plot 6, Jalan Bunga Azalea 1/2, Kawasan Industri Jalan Bunga Azalea 48200 Serendah, Selangor Darul Ehsan, Malaysia.
- Lot 647, Jalan Kulai Kota Tinggi, Mukim Ulu Sungai Johor, Kota Tinggi, Johor Darul Takzim, Malaysia
- Lot 12448-12473, Kawasan Perindustrian Bidor, Mukim Bidor, Daerah Batang Padang, 35500 Perak Darul Ridzuan, Malaysia.
- Lot 1561, Kampong Stesen, Sungai Choh, 48000 Rawang, Selangor Darul Ehsan, Malaysia.
- No. 1, Jalan Starken, Batu 5, Jalan Mawai, 81900 Kota Tinggi, Johor Darul Takzim, Malaysia.



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