

G-CAST®



SIRIM
ECO-LABEL



SIRIM
MS 881 : PART 1 : 1991

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

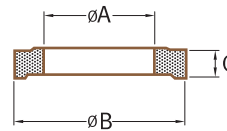
Special Sizes

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

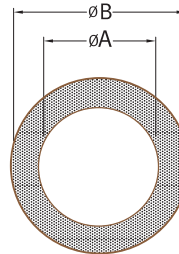


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1 MAKE-UP PIECE

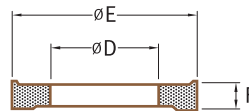


CROSS SECTION

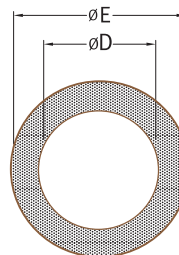


PLAN

2 SHAFT COVER SLAB

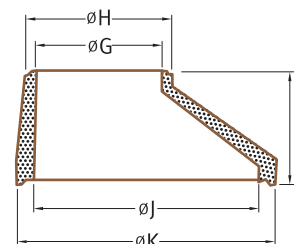


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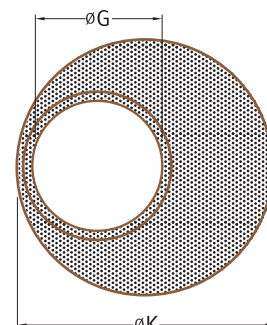


PLAN

3 TAPER TOP

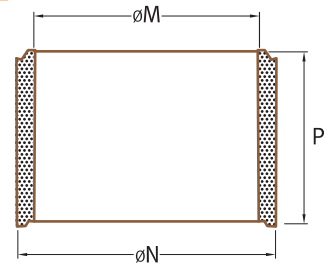


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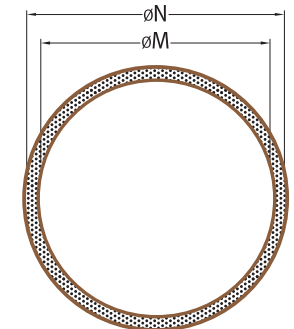


PLAN

4 CHAMBER RING

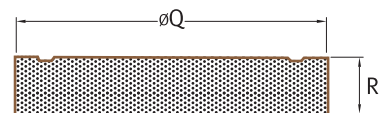


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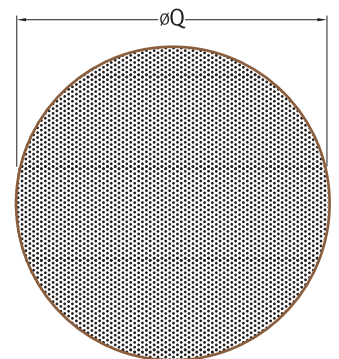


PLAN

5 BASE SLAB

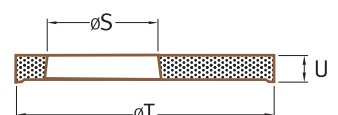


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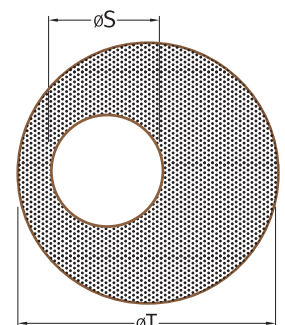


PLAN

6 CHAMBER COVER SLAB



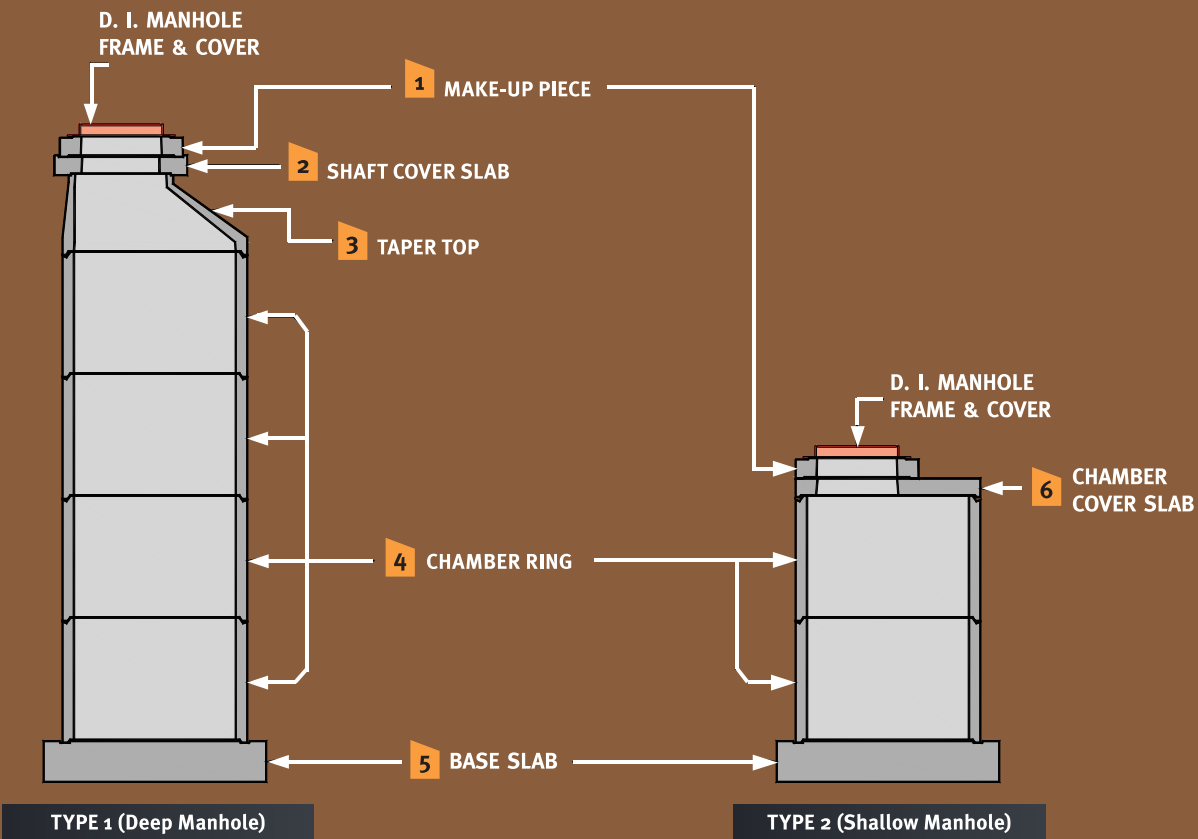
CROSS SECTION



PLAN

Product Specification

Nominal Diameter Range	1200 - 1800 mm
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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.



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- Lot 647, Jalan Kulai Kota Tinggi, Mukim Ulu Sungai Johor, Kota Tinggi, Johor.
- Lot 12448-12473, Kawasan Perindustrian Bidor, Mukim Bidor, Daerah Batang Padang, 35500 Perak.
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