



Kapilansh

Since 1988



Quick & Easy Fit

Cast Iron Hubless Pipes & Fittings.



IS : 15905

AS PER
ISO 6594
Specification



Manufacturer of :

- Cast Iron Soil Pipes & Fittings
- Cast Iron Hubless Pipes & Fittings
- Cast Iron No Hub Pipes ASTM A888
- Cast Iron Socket & Spigot Spun Pressure Pipes & Fittings
- Ductile Iron Manhole Covers, Frames & Gratings
- Cast Iron Manhole Covers, Frames & Gratings
- Cast Iron Earthing Electrodes



www.kapilansh.com

Introduction :

We **Kapilansh Dhatu Udyog Pvt. Ltd.** with our expertise in manufacturing Cast Iron Pipes, utilizes De Lavaud Process for manufacturing Hubless Cast Iron Pipes. A true centrifugal casting process in which each pipe is casted individually in metal moulds ensuring superior quality. The superior quality assurance and control measures ensure that you get the best piping for the world class Plumbing & Drainage system.

- Production capacity of 50,000 MT per Annum.
- Only manufacturer of Pressure & Non- Pressure Piping system in India (More than 35 years of Experience)
- Equipped with advanced technology & Team of Professional manpower
- Plant ideally located to caters pan India requirements.
- Quality & Range of product is unmatchedable.
- Recognized & recommended in major Govt. / Pvt. Sector projects.

MANUFACTURING PROCESS



Metal Pouring



Pipe Casting



Extraction of Pipe



Annealing



Hydro Testing



Finished Stock

Technical Parameters :

- 1) Metal grade : As per IS : 210
- 2) Mechanical Properties :
 - Tensile strength : 150 MPa for Pipes & Fittings.
 - Hardness : 230 HBW (Max)
- 3) Hydrostatic Test : At a pressure of 0.07 MPa
- 4) Hammer Test : Clear ringing sound, when struck with light hand held Hammer.
- 5) Coating Test : At a temperature of 65° C for flow & at 0° C for chip off.
- 6) Dimensional Check-up : conforming to tolerances specified in Standard Specification.

Product Characteristics :

Specifications : As per ISO 6594 / IS: 15905 specification.

Uses : Kapilansh centrifugal cast iron Hubless pipes & fittings are used in plumbing & drainage system for soil , waste , ventilation & rain water purpose.

Range & Nominal sizes : Kapilansh centrifugal cast iron pipes & fittings are manufactured and available in following nominal dia.

a) 50mm b) 75mm c) 100mm d) 150mm e) 200mm - Length up to 3000 mm

Coating : Pipes and fittings for inside & outside surface is done by suitable base or as per customised requirement .

Marking : All pipes & fittings carry the Kapilansh mark, nominal diameter, symbol , code & last two digits of the year of manufacturing & any other mark as required by the buyer.

Table : External Diameters & Thickness :

Nominal Size	External Diameter	Tolerance On	Thickness			
			Pipe		Fittings	
DN	DE	DE	Nom.	Min.	Nom.	Min.
50	58	+2/-1	3.5	3.0	4.2	3.0
75	83	+2/-1	3.5	3.0	4.2	3.0
100	110	+2/-2	3.5	3.0	4.2	3.0
150	160	+2/-2	4.0	3.5	5.3	3.5
200	210	+2.5/-2.5	5.0	4.0	6.0	4.0

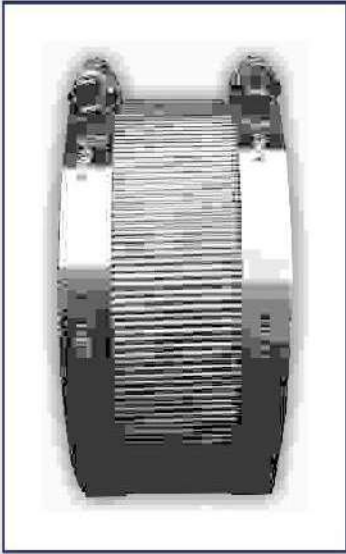
Length : a) pipe : ± 20 mm b) fittings : ± 5 mm

The **Kapilansh** advantages :

- * Assured quality as per specifications.
- * Better Aesthetic look. & Environment friendly as fully recyclable.
- * Cast iron is a dense material which absorbs sound vibration. Cast iron is a very quiet. Muffling the noise from rushing waste water more effectively than other option.
- * High compressive strength & beam load bearing capacity.
- * Installation & fixing process is far easy being centrifugally cast, these pipes are light and easy to erect.
- * No leakage problem. The centrifugal process imparts very dense and homogeneous grain structure reducing porosity - the cause of leakages.
- * Resistance to fire due to high melting point of cast iron
- * Smooth inner surfaces giving better flow characteristics.
- * Superior corrosion resistance to soil, waste water & Chemicals.
- * The combination of great strength & improved surface coatings on our drainage system offers a fit and forget solution in most installations.

The combination of these benefits and features is a matchless product that delivers lifetime solution to all drainage needs.

ADVANTAGES OF SS SHIELDED COUPLING (WITH EPDM RUBBER)



- Very Easy & Quick Installation - See Illustration given below.
- Resistance to wear, tear & corrosion.
- Environment friendly, Highly Recommended For Green Building Projects
- Designed For Resistance to Heavy Loads
- Highly Durable as well as withstand to High Pressure
- Joints Aligned with each other Preventing Shifting.
- Less tool required for Installation
- No Involvement of Hazardous Materials

EASY & QUICK INSTALLATION



Pull down one side of the coupling system to the end of the pipe or socket to fully seat.



Make sure that the coupling system is tight against the pipe end.



Now ease the next pipe into the coupling.



Evenly tightens the bolts or screws to the recommended torque setting using a wrench or power screw driver.

HUBLESS PIPES & FITTINGS



Pipe



Plain Bend



Door Bend



Slope Bend



Long Plain Bend



Equal Y



Double Y



Y Tee



Door Y



Door Tee



Double Tee



Socket Door Tee



Unequal Tee



Unequal P Trap



Floor Trap



Multi Smart Trap



Reducer



Vent Cowl



Offset



H Ventilation



WC Connector



Long WC Connector



End Cap



SS Shielded Coupling

FEW PRESTIGIOUS PROJECT



Central Vista Delhi



AIMS Hospital Bhubaneswar



Tata Cancer Hospital Varanasi



Jabalpur Airport



Tiruchirappalli International Airport



Bengaluru Airport



Pune Metro



Google Office Hyderabad



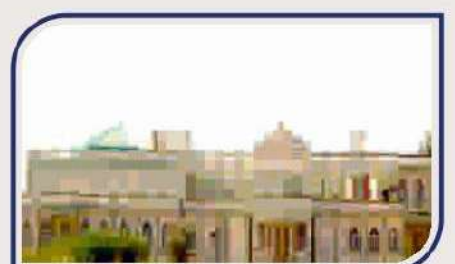
Lenskart Factory Bhiwadi



NTPC Sundargarh Project



CRPF Raipur Project



CRPF Camp Bilaspur

OUR MORE PRODUCT RANGE



KAPILANSH

Cast Iron Soil Pipes & Fittings.
CONFORMING TO IS :3989



KAPILANSH

No Hub Pipes ASTM A888



KDUPL

Centrifugally Cast (Spun) Iron Pressure Pipes
CONFORMING TO IS : 1536



KAPITRODE™

Centrifugally Cast Iron Earthing Electrode
AS PER IS : 3043 Code of Practice



KDUPL

Cast Iron Socketed Fittings for
Pressure Pipes



KDUPL

Cast Iron Mechanical Fittings for
Pressure Pipes



KAPILANSH

Cast Iron Manhole Covers, Frames & Gratings



KAPILANSH

Ductile Iron Manhole Covers, Frames & Gratings
AS PER BS EN - 124

*Committed to a process of
continuous improvement in
people, process and products...*

Kapilansh



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ISO 9001 : 2015 Certified

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