

JIS

JAPANESE INDUSTRIAL STANDARD

Core Type Prestressed Concrete Pipes

 **JIS A 5333**—1988

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.



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Core Type Prestressed Concrete Pipes

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1. Scope

This Japanese Industrial Standard specifies the core type prestressed concrete pipes to be manufactured by the introduction of prestress, hereinafter referred to as the "pipes".

Remark: The units and numerical values given in { } in this Standard are based on the International System of Units (SI) and are appended for informative reference.

2. Classification

The pipes shall be classified into two categories, internal pressure pipes and external pressure pipes given in Table 1, and they shall further be subclassified into three types of Type S, Type C and Type T according to the shapes.

Table 1. Class and Nominal Diameter

Classification		Nominal diameter			(Informative reference)
		Type S	Type C	Type T	
Internal pressure pipe	Class 1	500 to 1650	—	—	Designed so as to withstand both internal and external pressures
	Class 2	500 to 2000			
	Class 3				
	Class 4				
	Class 5				
External pressure pipe	Class 1	500 to 1650	900 to 3000	1500 to 3000	Designed so as to withstand only external pressure
	Class 2	500 to 2000			
	Class 3				
	Class 4				
	Class 5				

Remark: Type S is for the fittings of socket type and Type C and Type T are for those of spigot type.

Applicable Standards: See page 13.