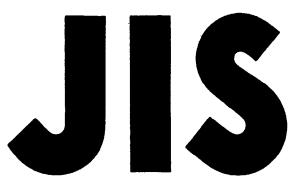
UDC 666.982.2-461:625.745.2



# JAPANESE INDUSTRIAL STANDARD

# Reinforced Concrete Built-up Culvert Blocks

JIS A 5328-1990

Translated and Published

by

Japanese Standards Association

JIS A\*5328 90 ■ 4933608 0002246 0 ■

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

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#### JAPANESE INDUSTRIAL STANDARD

JIS

#### Reinforced Concrete Built-up Culvert Blocks

A 5328-1990

## 1. Scope

This Japanese Industrial Standard specifies the reinforced concrete built-up culvert blocks (hereafter referred to as the "blocks") to be used mainly for underdrainage of roads with the upper and lower blocks combined.

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. Quality

- 2.1 Appearance The block shall be of dense quality and free from harmful flaws, and have even and smooth inside surfaces and a superior appearance.
- 2.2 <u>Bending Strength</u> When subjected to the bending test specified in 6., the block shall exhibit a bending strength to withstand the crack loads specified in Table 1.

#### Applicable Standards:

- JIS A 5011-Air-Cooled Iron-Blast-Furnace Slag Aggregate for Concrete
- JIS A 5012-Granulated Blast Furnace Slag Fine Aggregate for Concrete
- JIS A 5308-Ready-Mixed Concrete
- JIS A 6201-Fly Ash
- JIS A 6202-Expansive Additive for Concrete
- JIS A 6204-Chemical Admixtures for Concrete
- JIS A 6205-Corrosion Inhibitor for Reinforcing Steel in Concrete
- JIS G 3112-Steel Bars for Concrete Reinforcement
- JIS G 3521-Hard Drawn Steel Wires
- JIS G 3532-Low Carbon Steel Wires
- JIS R 5210-Portland Cement
- JIS R 5211-Portland Blast-furnace Slag Cement
- JIS R 5212-Portland Pozzolan Cement
- JIS R 5213-Portland Fly-ash Cement

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